

FIG. 3
(PRIOR ART)

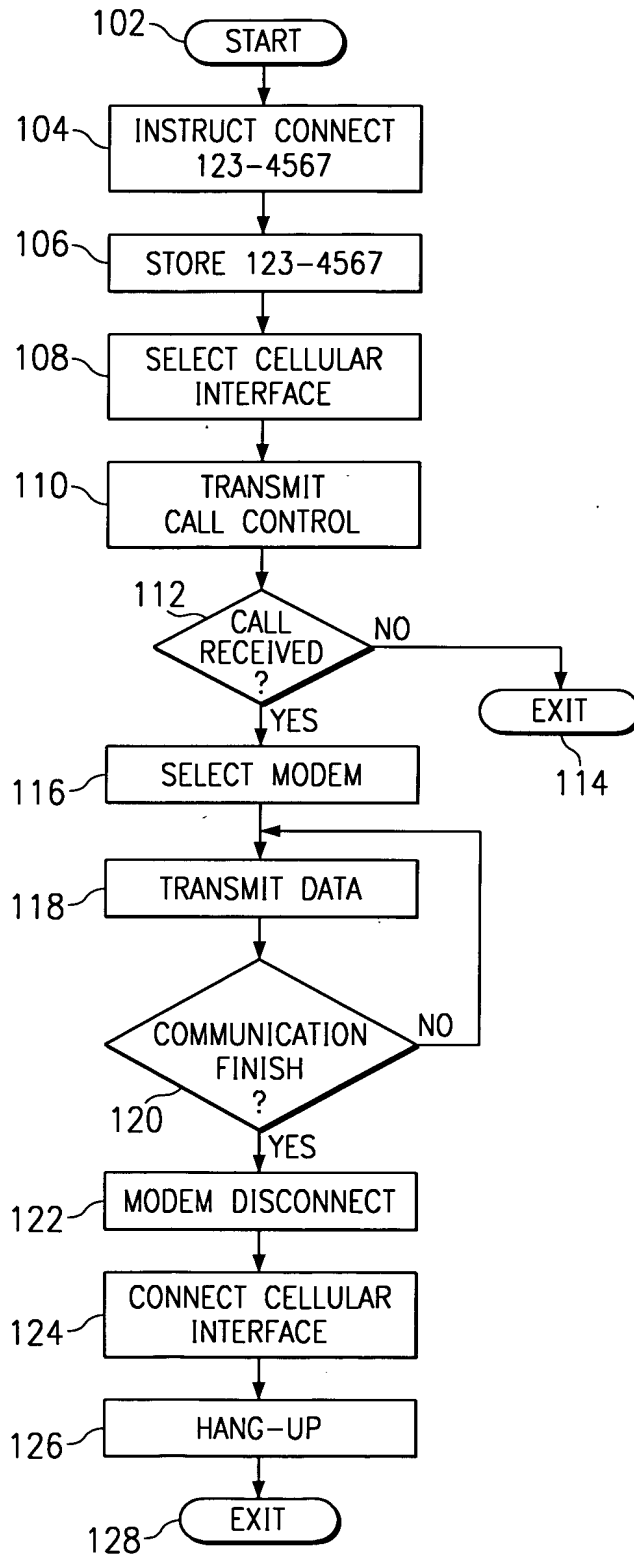


FIG. 5
(PRIOR ART)

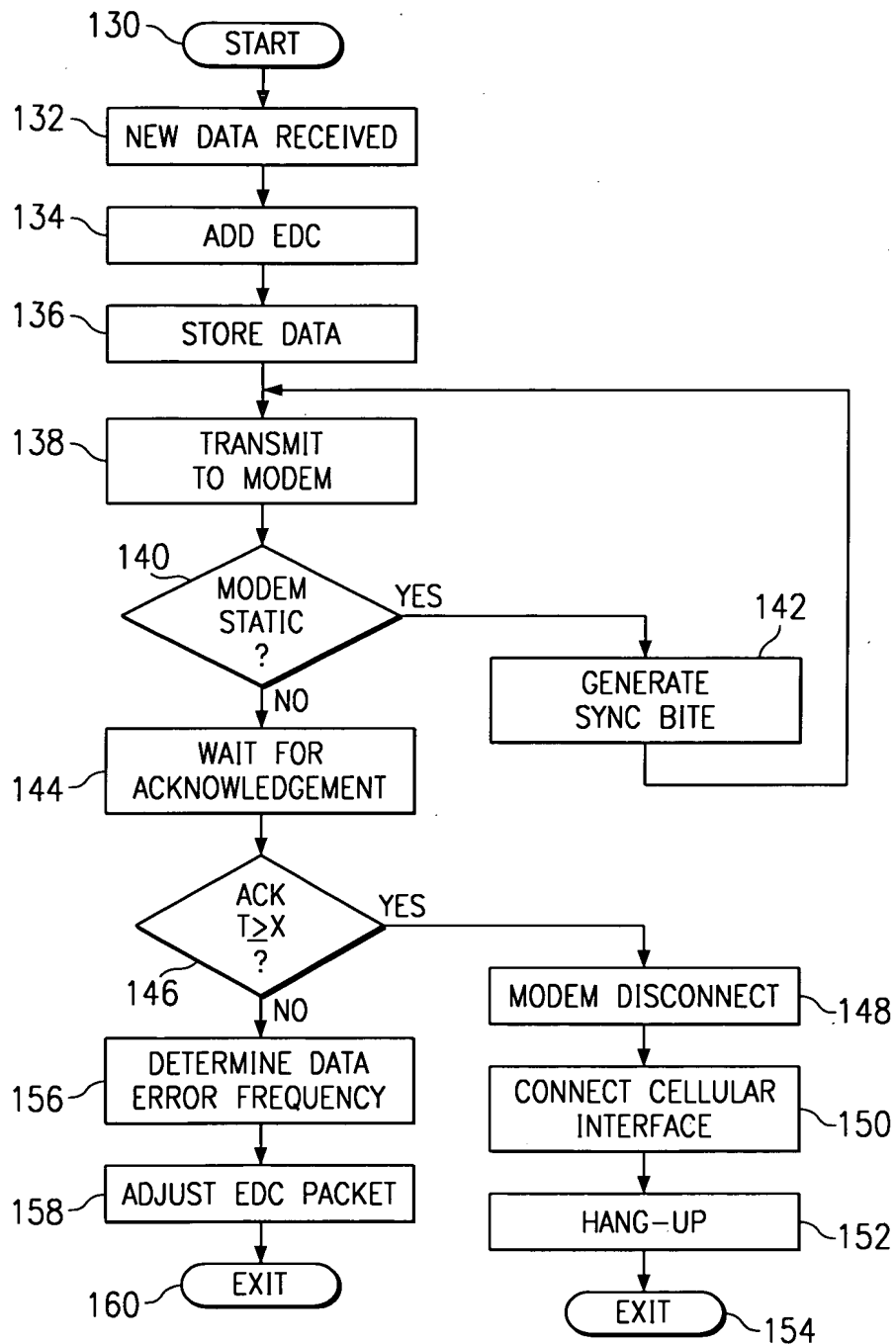


FIG. 6
(PRIOR ART)

FIG. 7

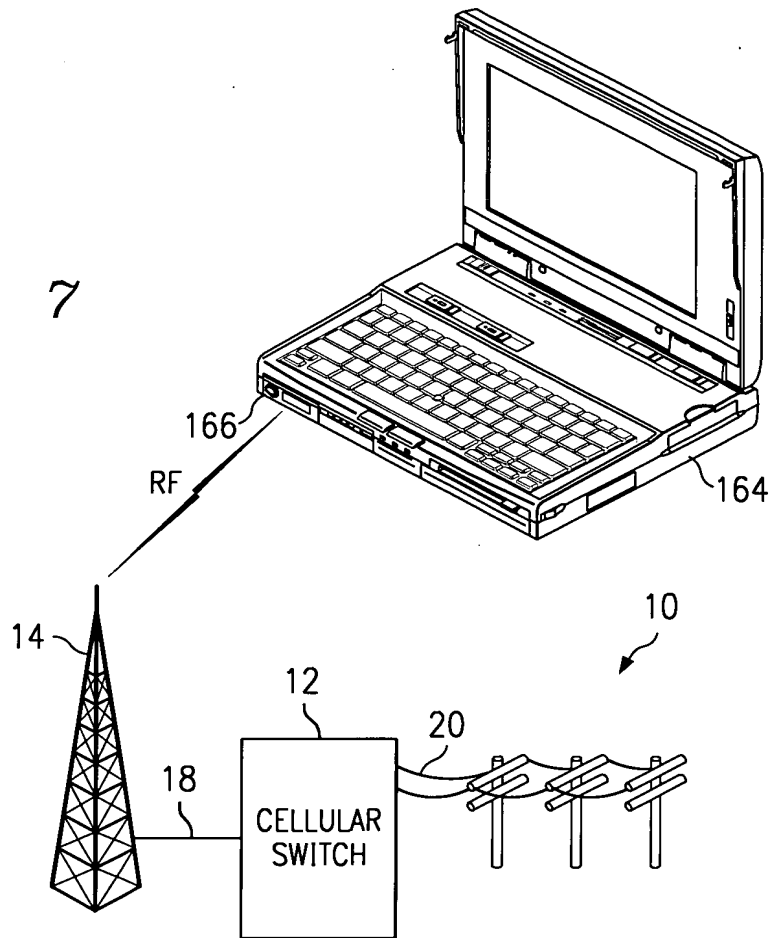
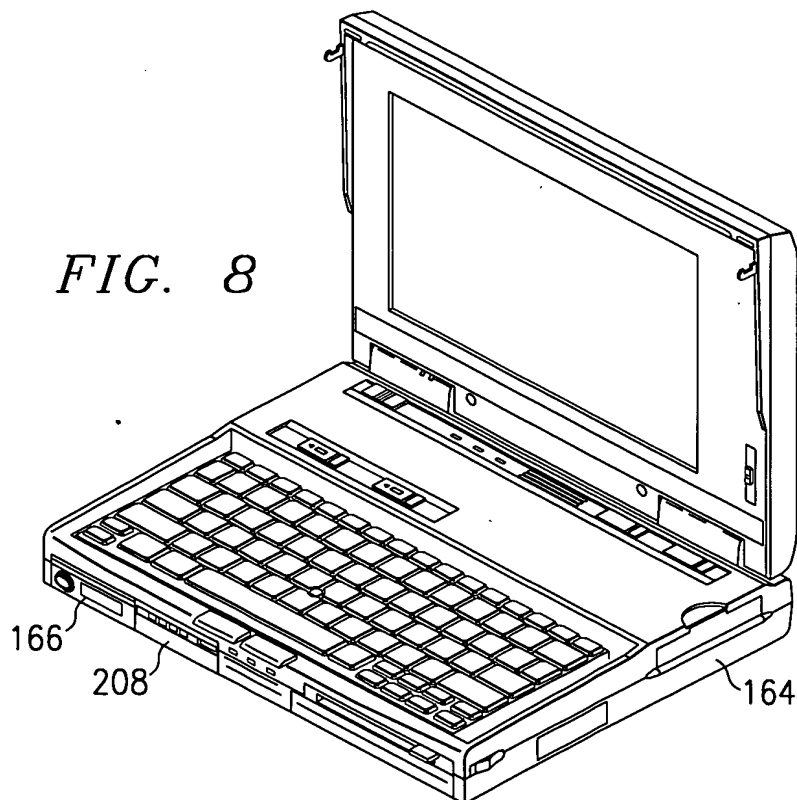


FIG. 8



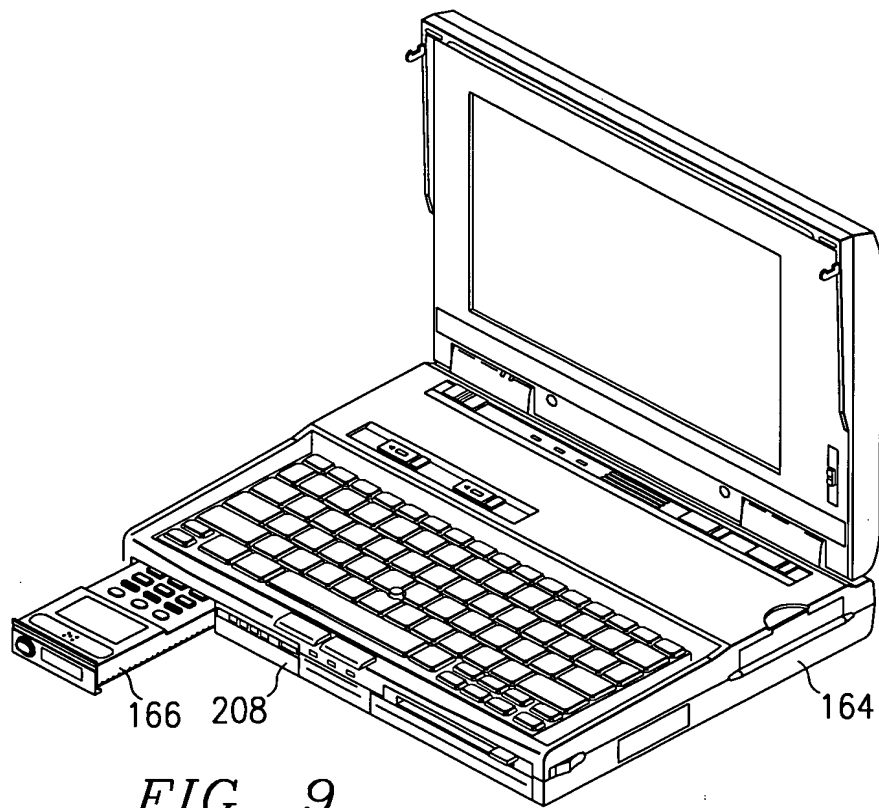
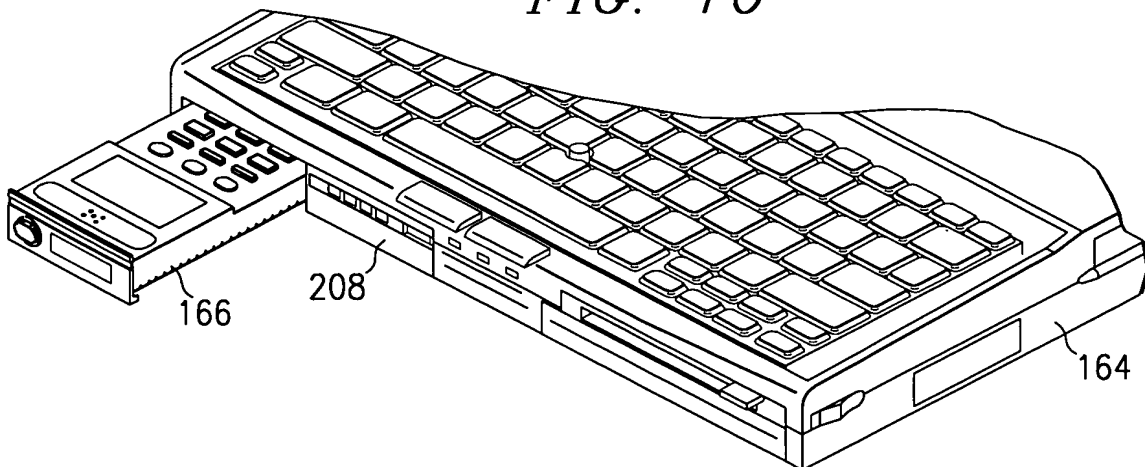


FIG. 10



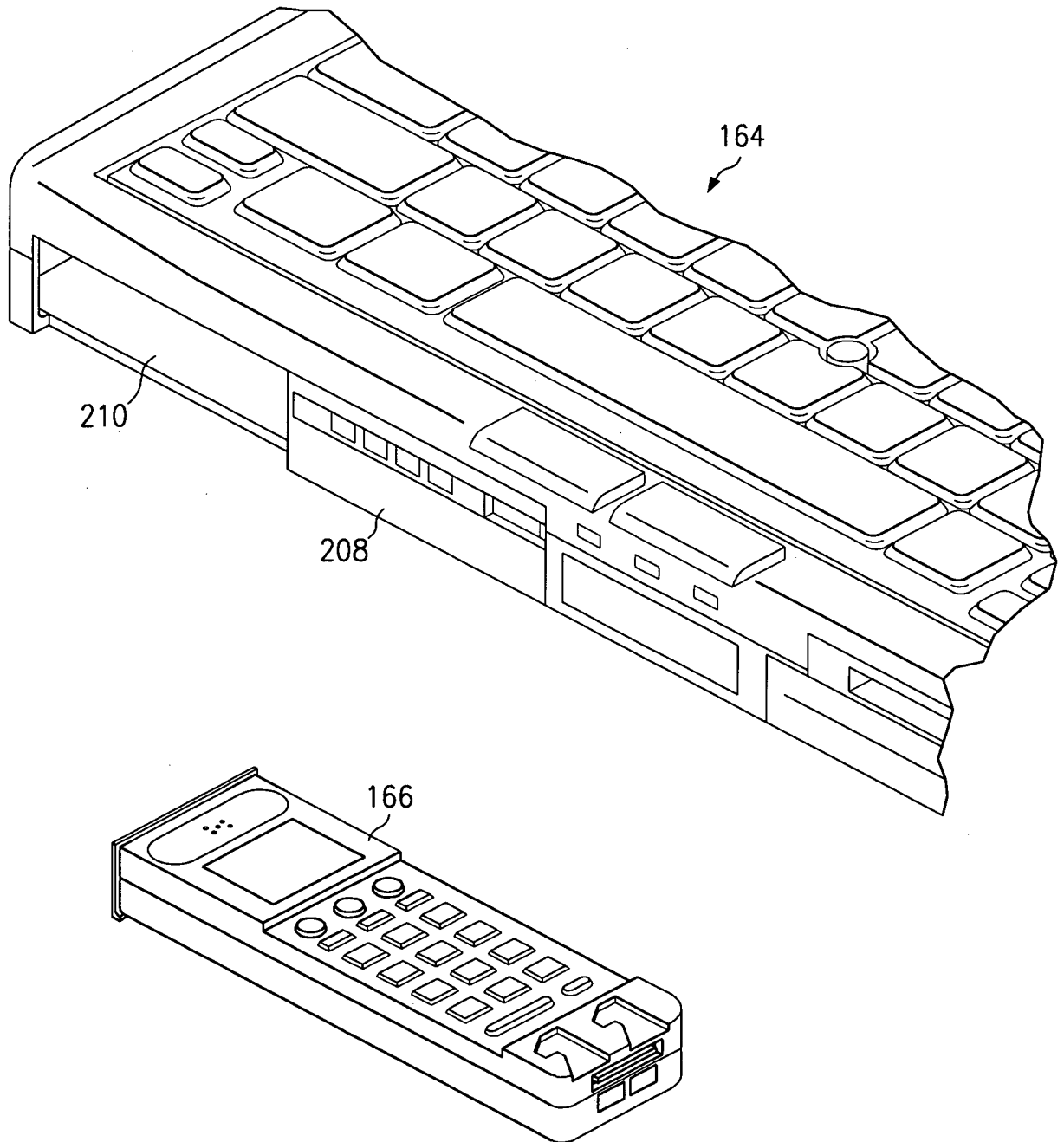


FIG. 11

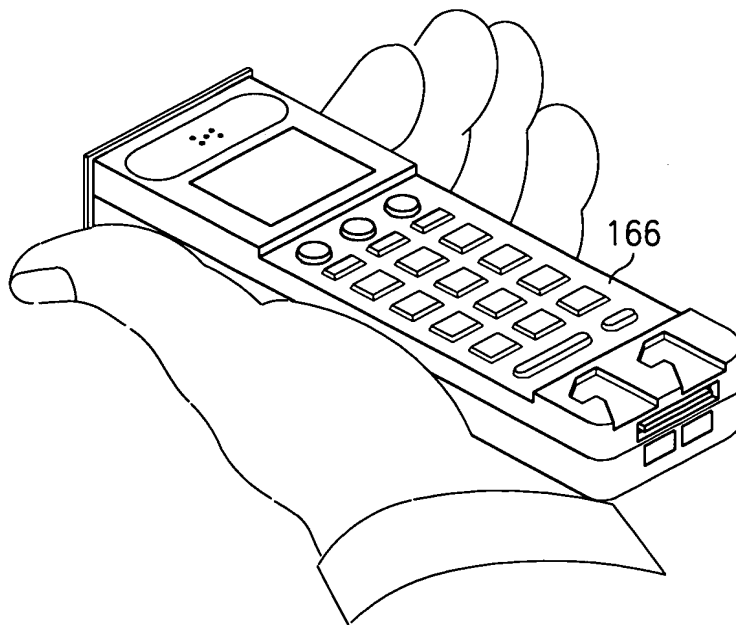
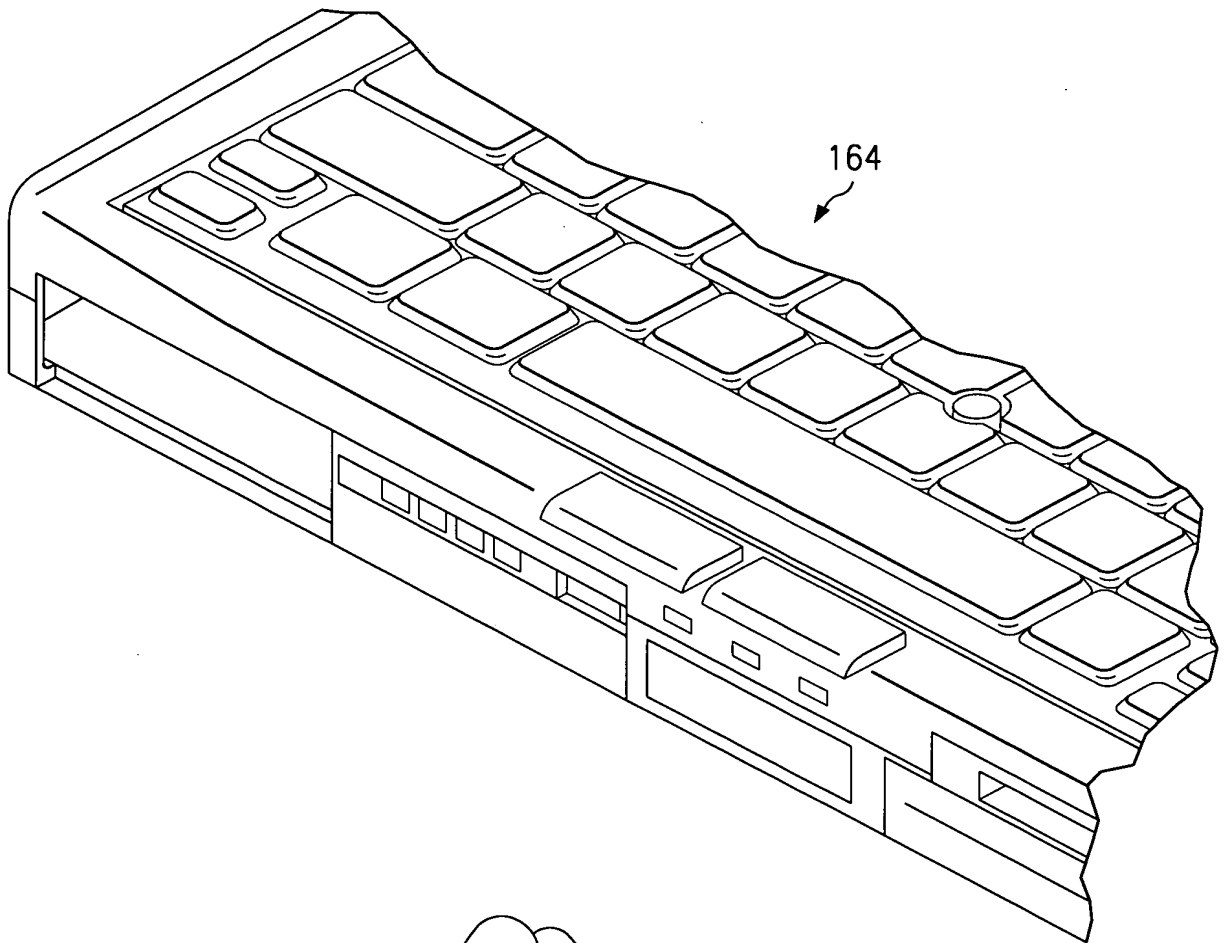


FIG. 12

FIG. 13

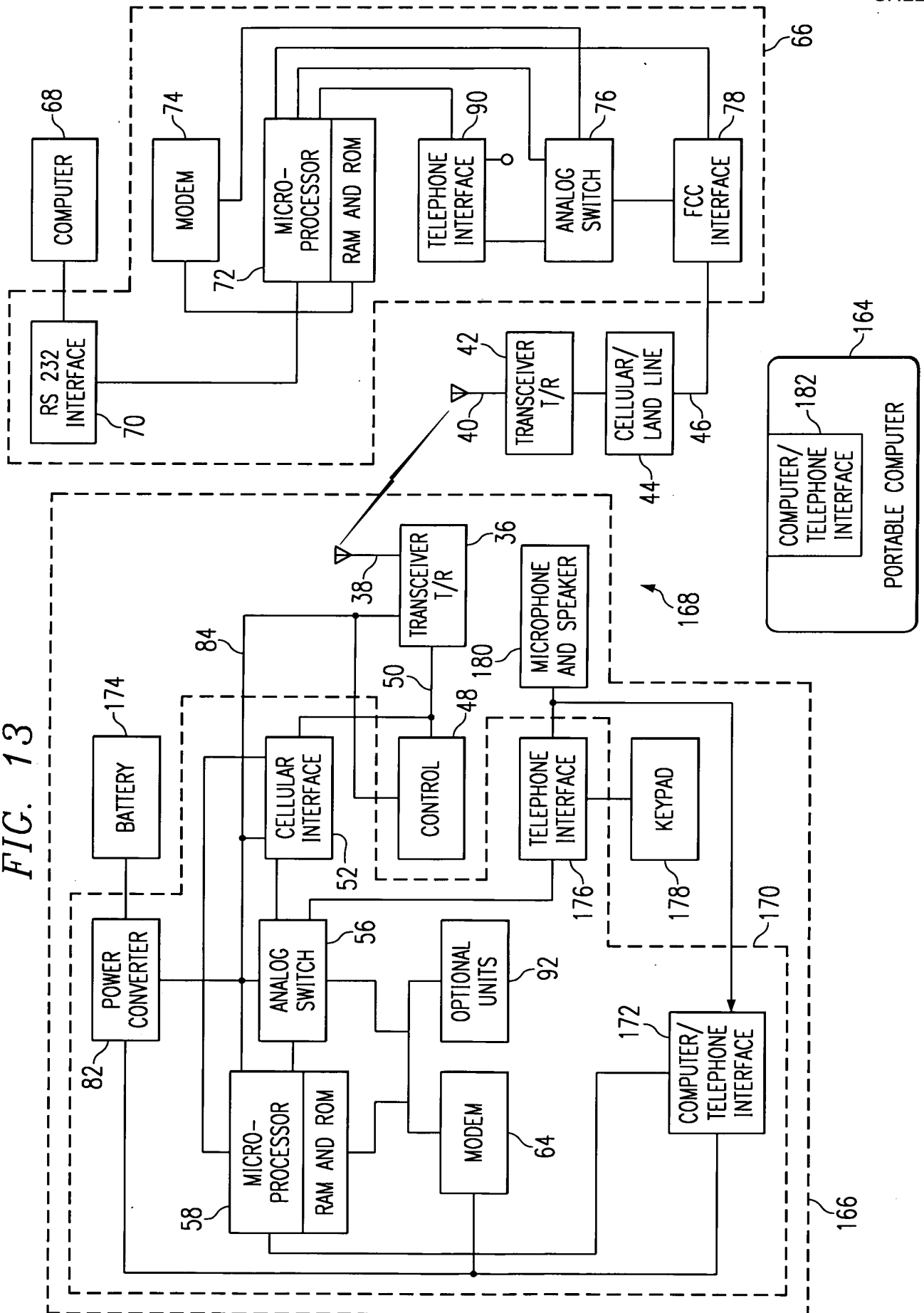
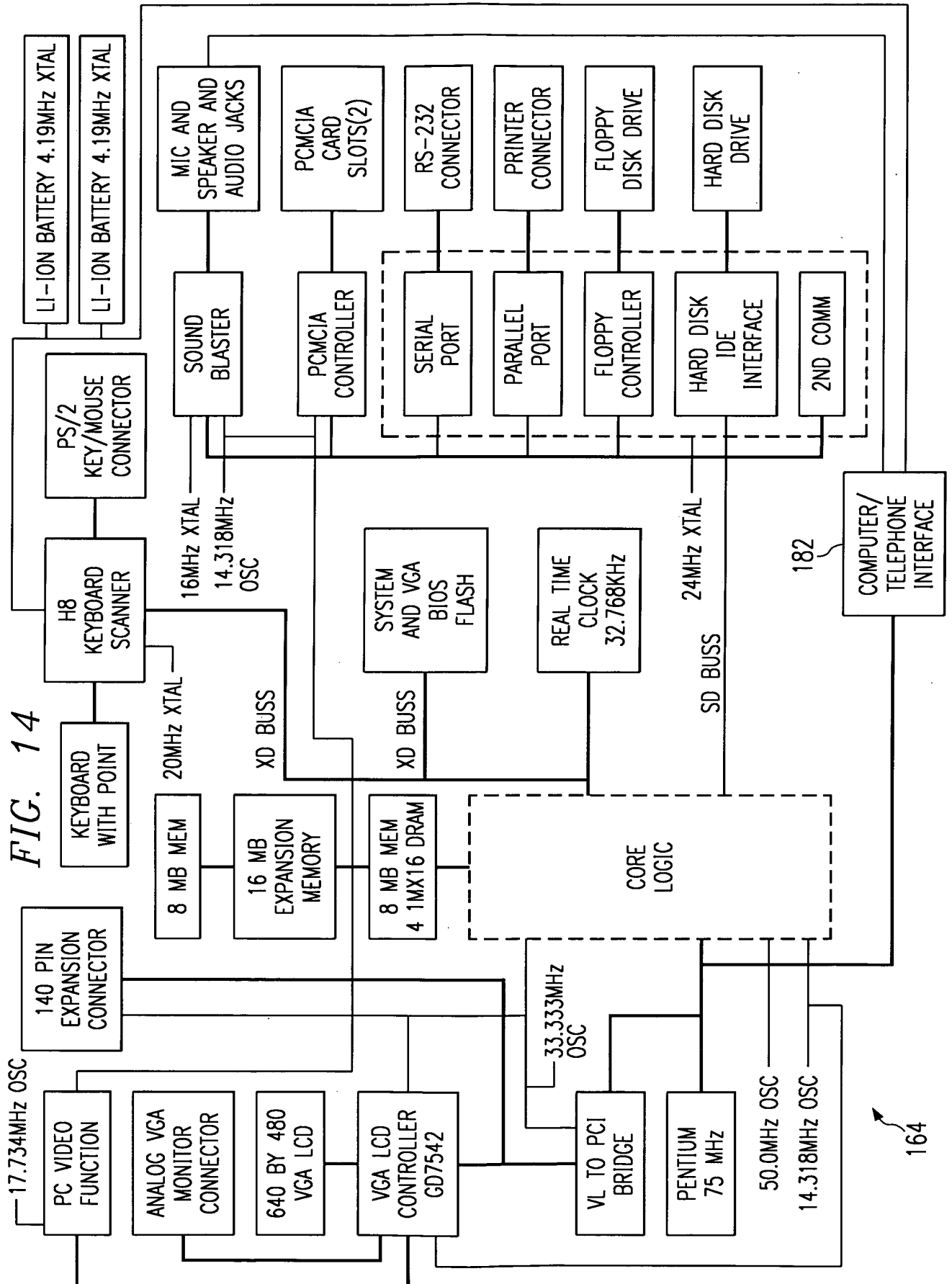
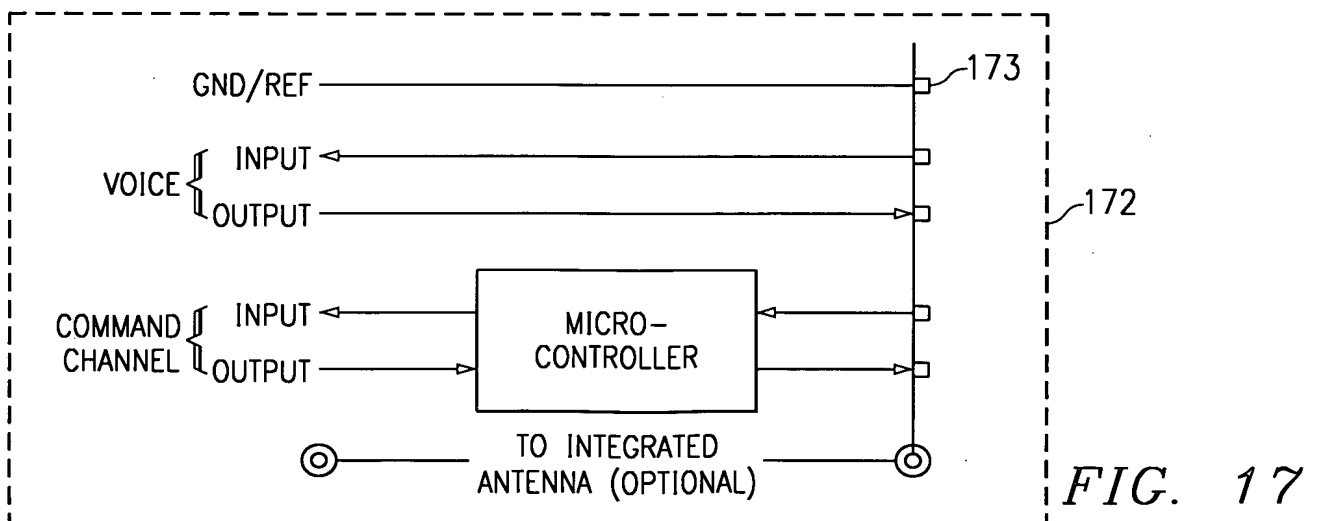
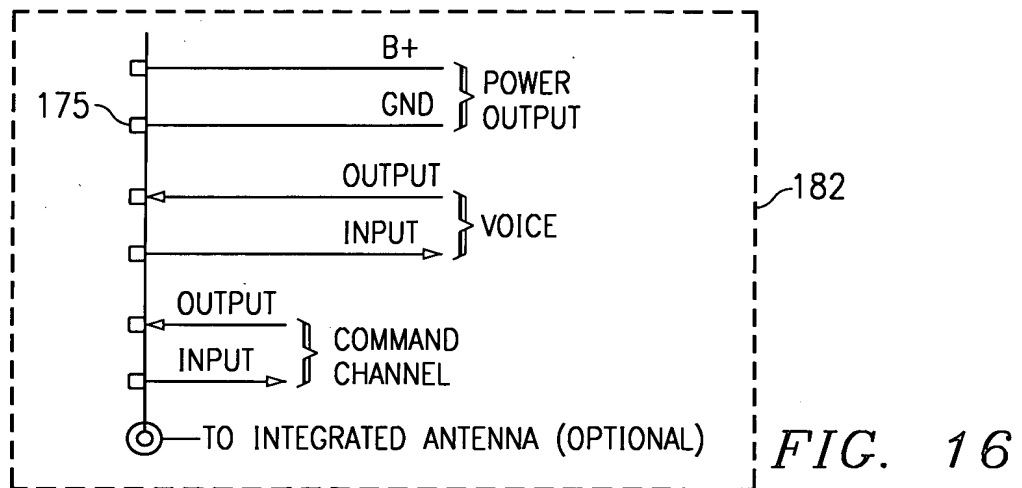
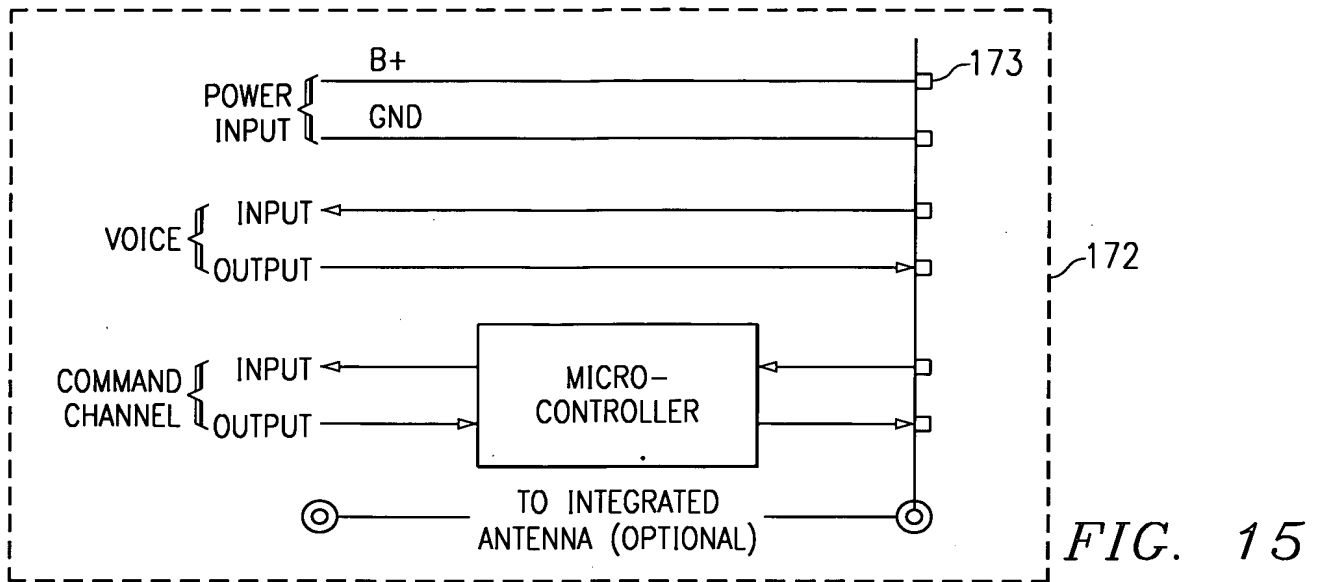


FIG. 14





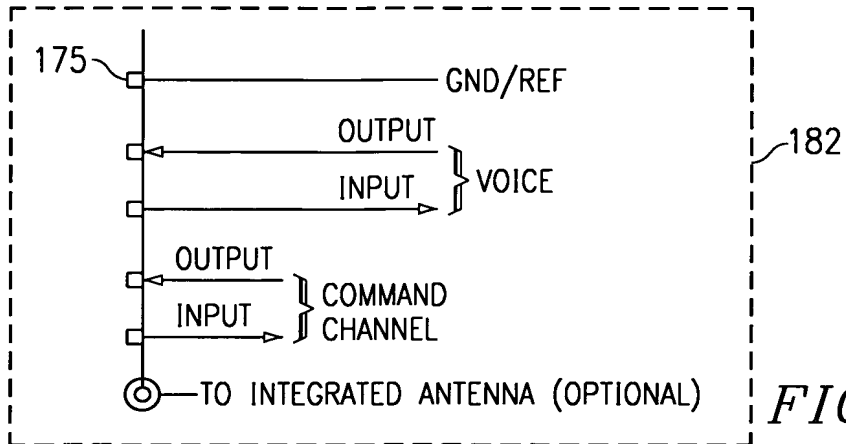


FIG. 18

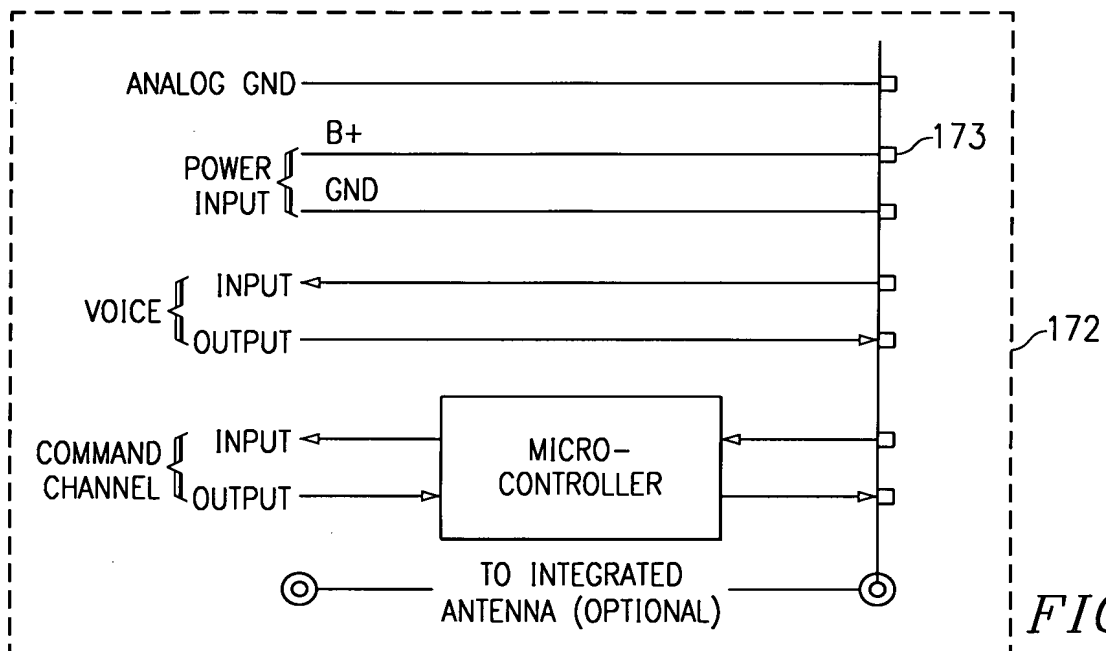


FIG. 19

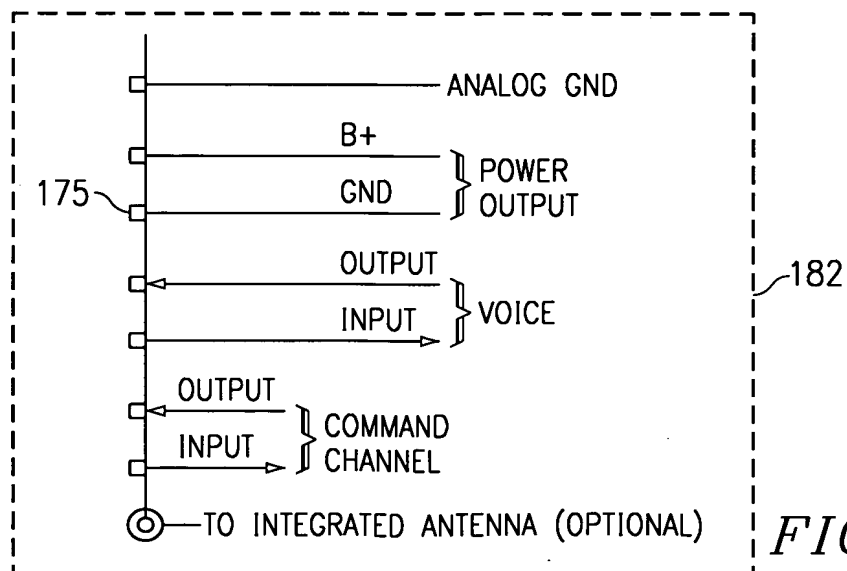
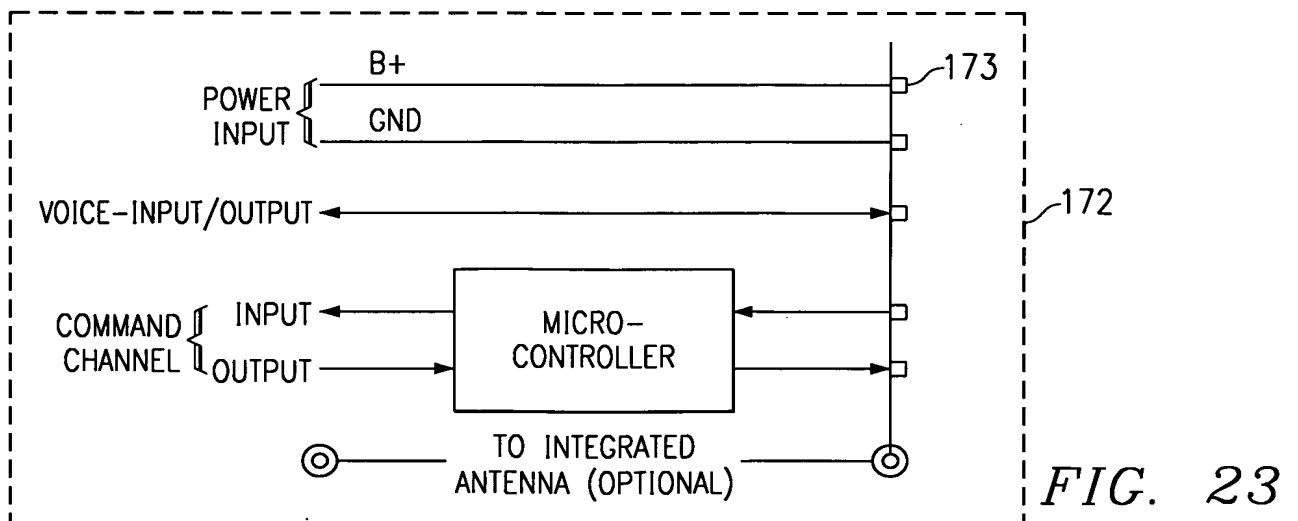
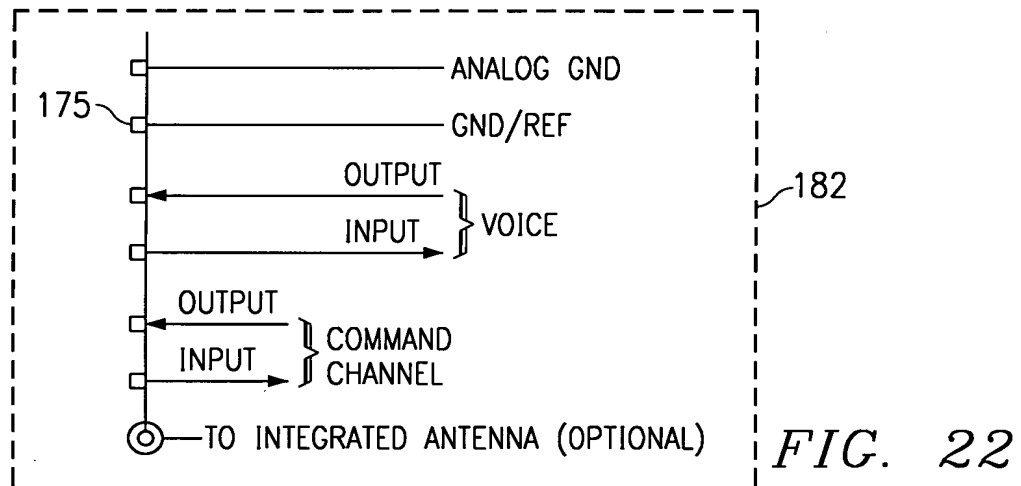
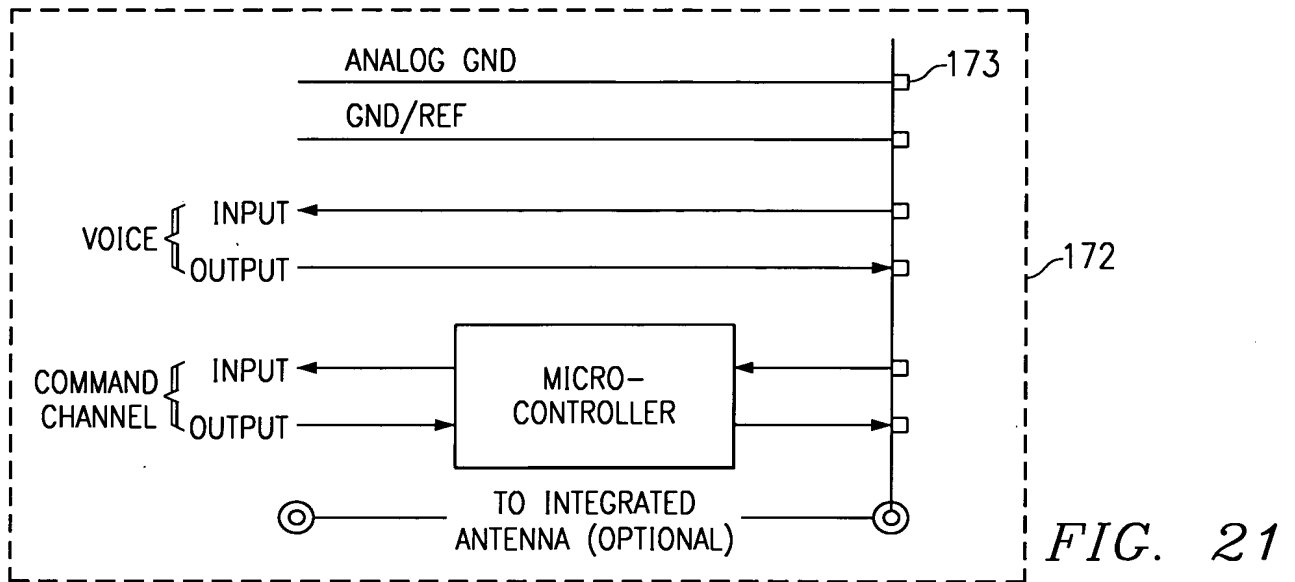
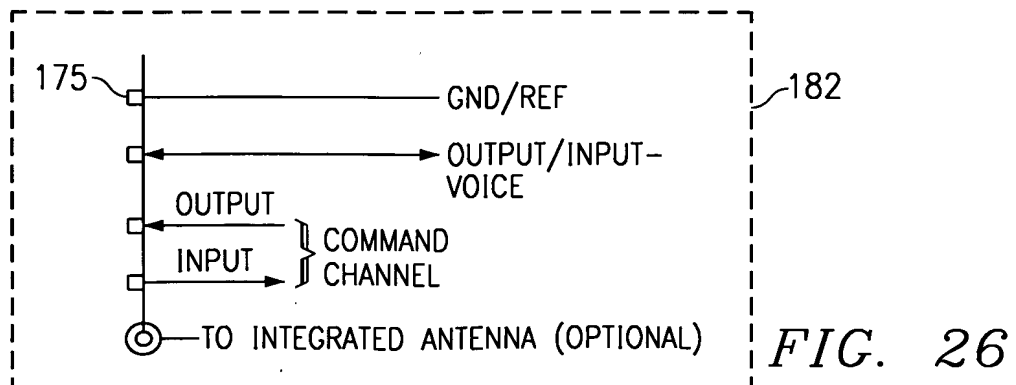
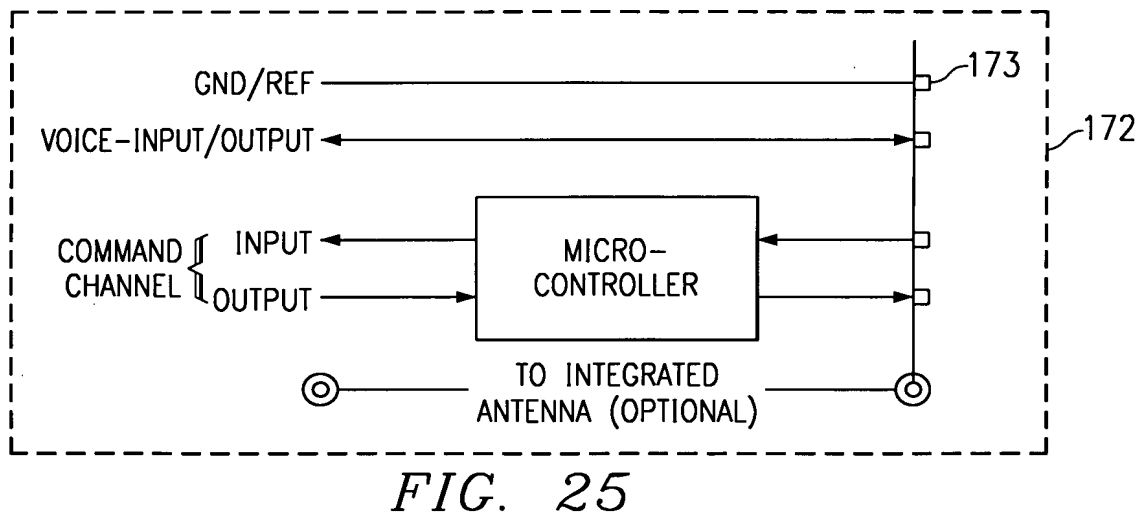
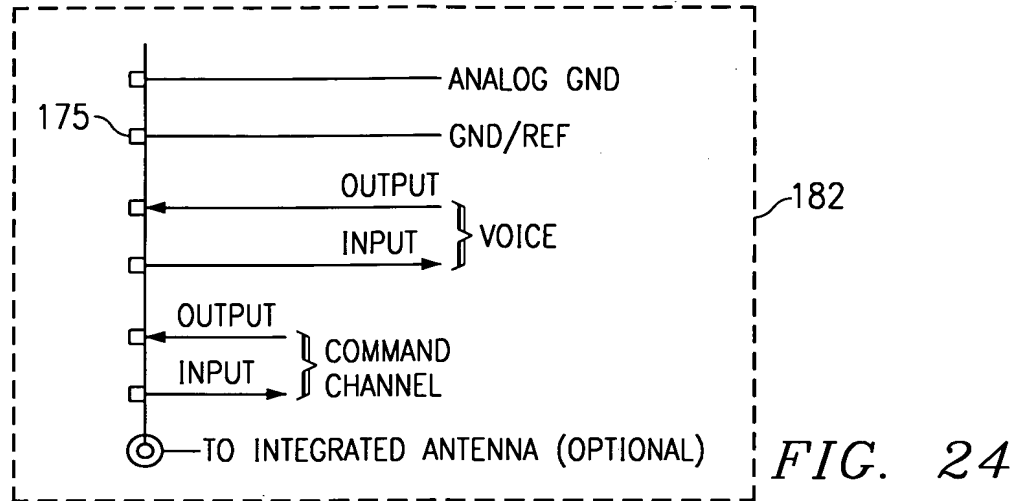
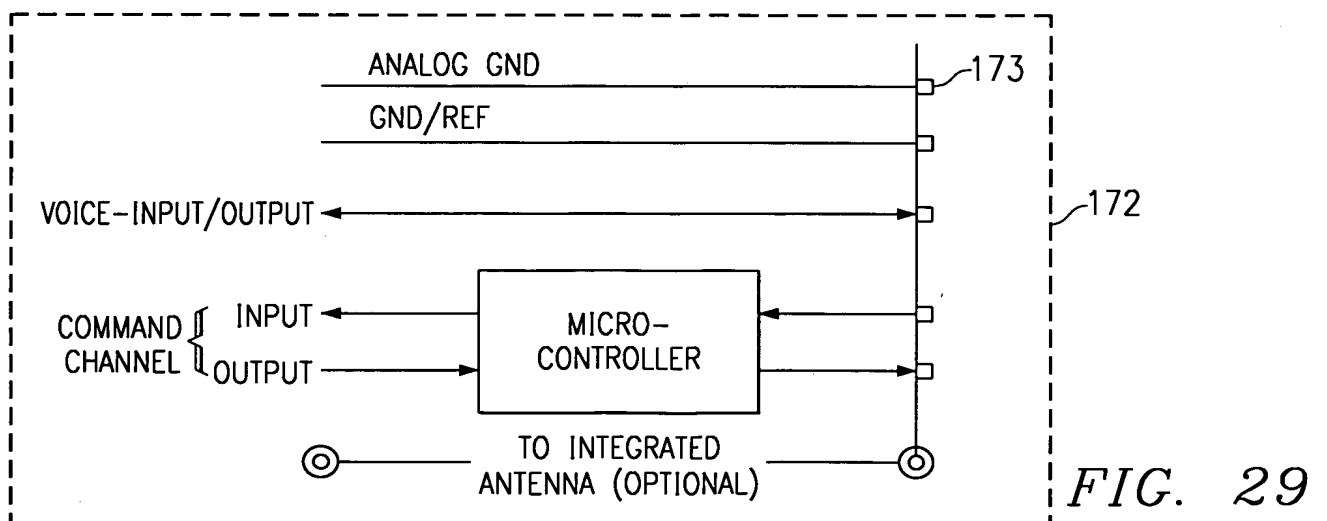
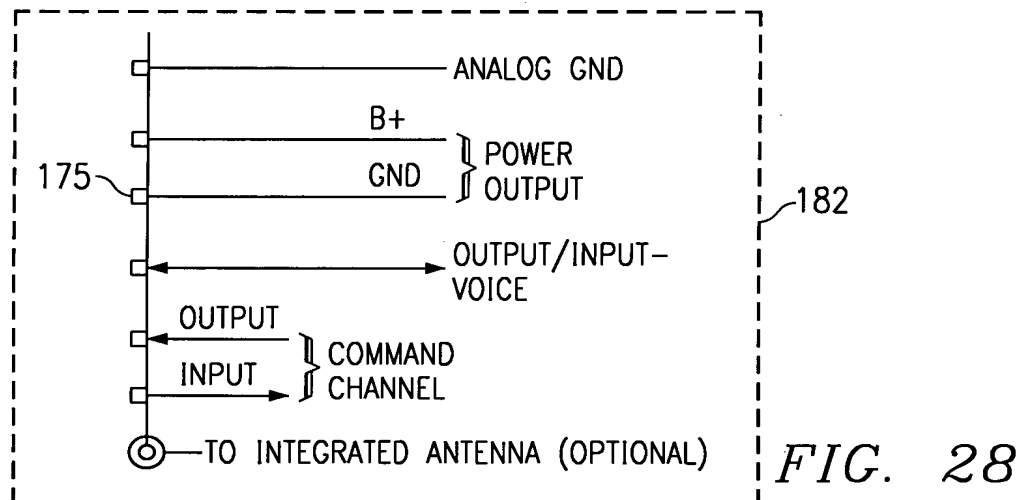
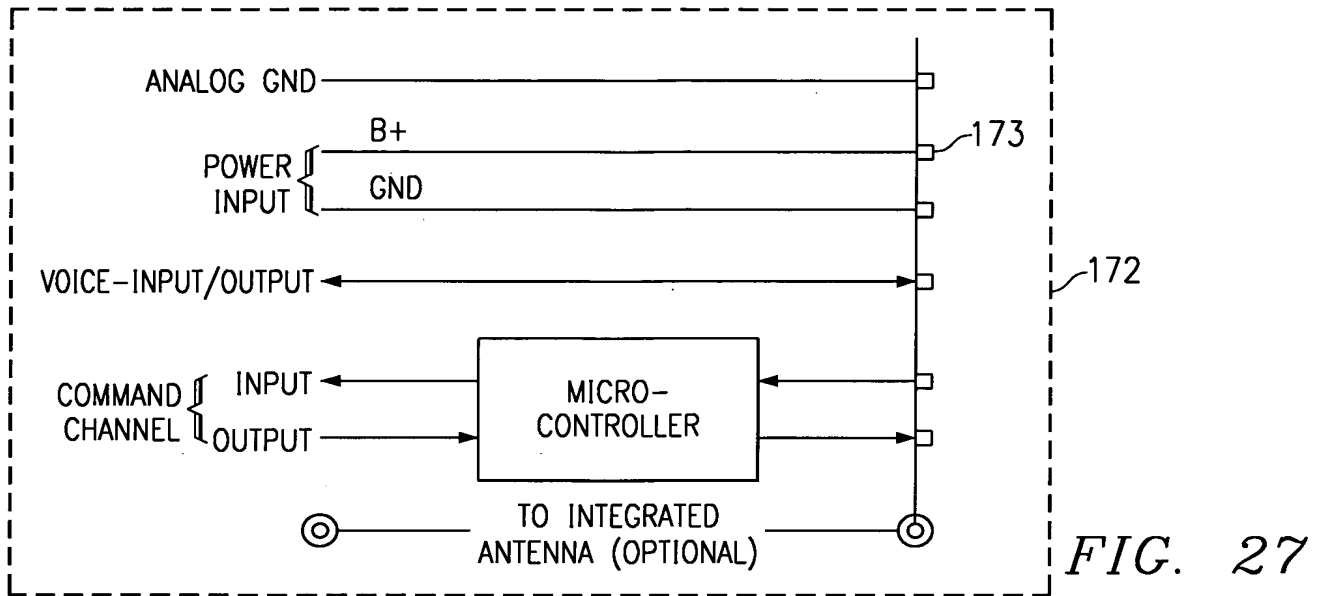


FIG. 20







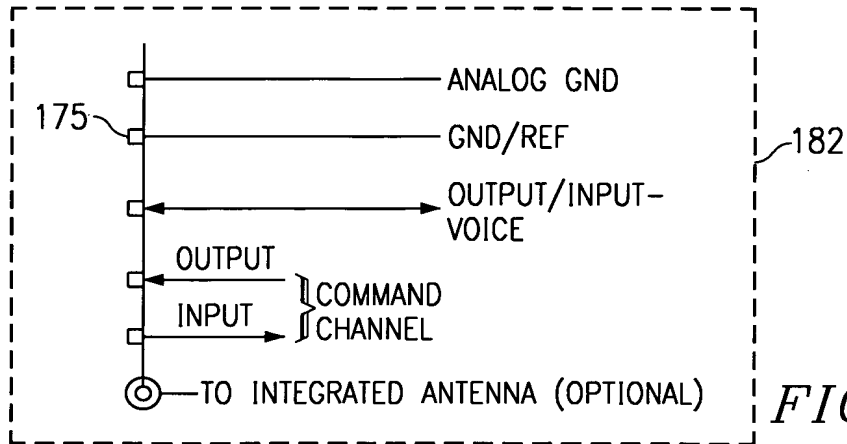


FIG. 30

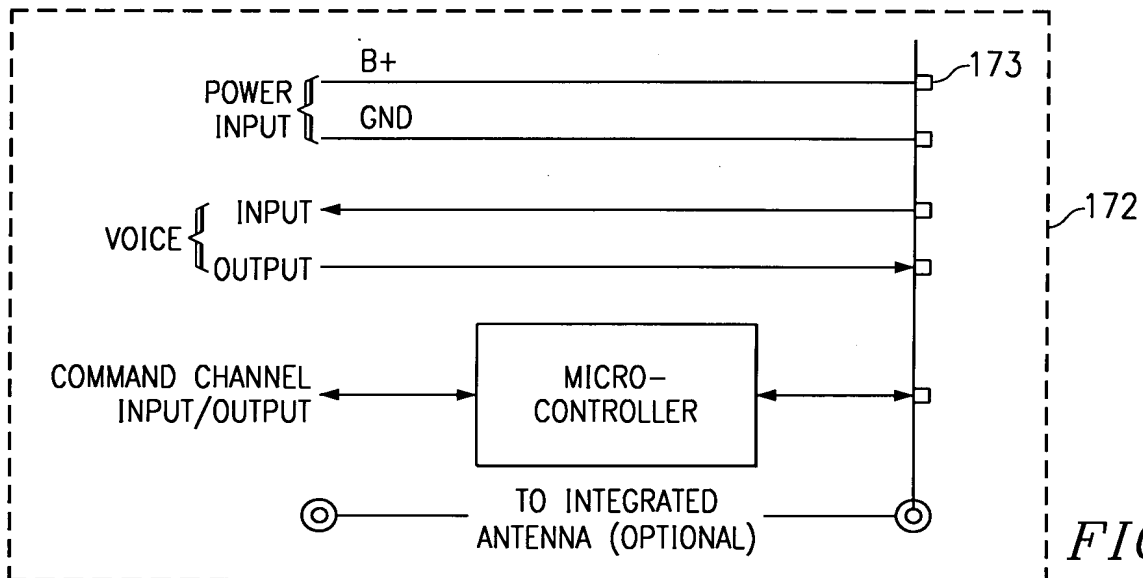


FIG. 31

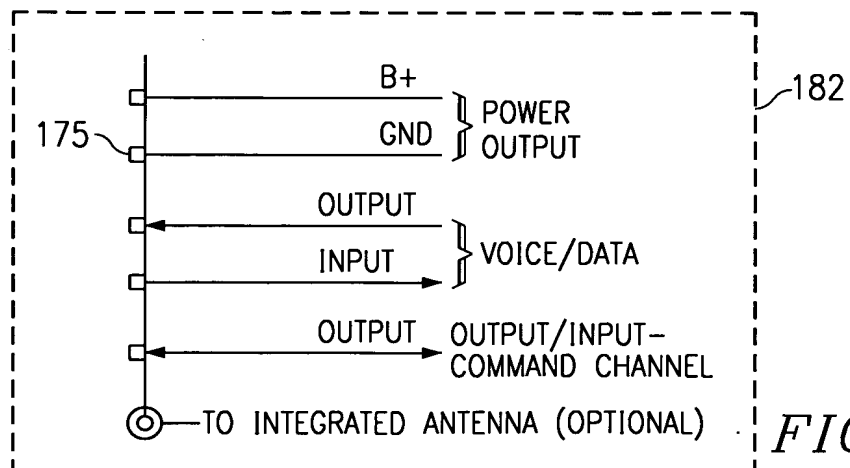
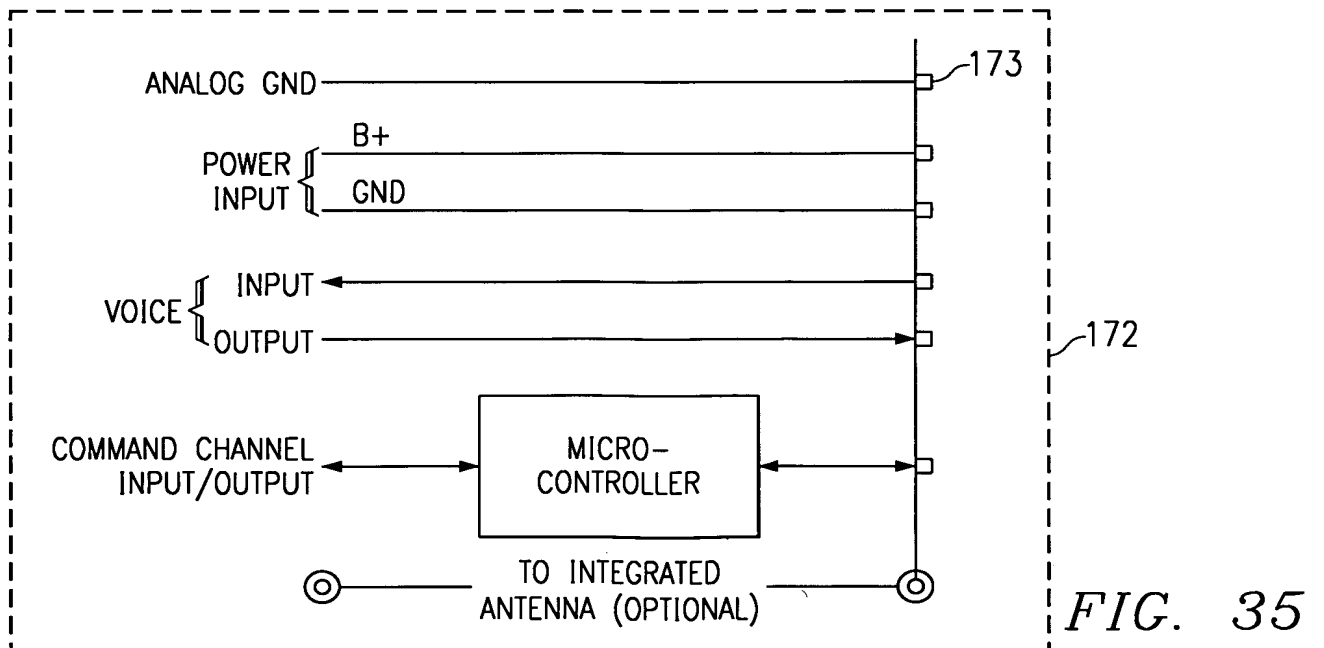
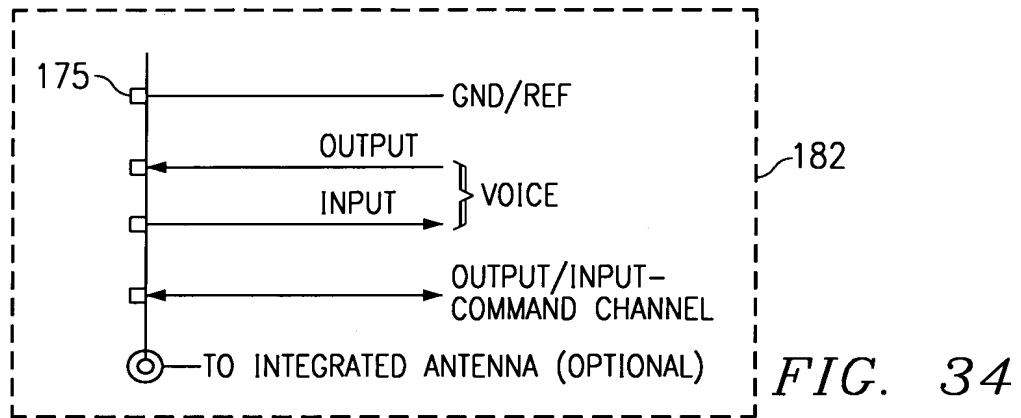
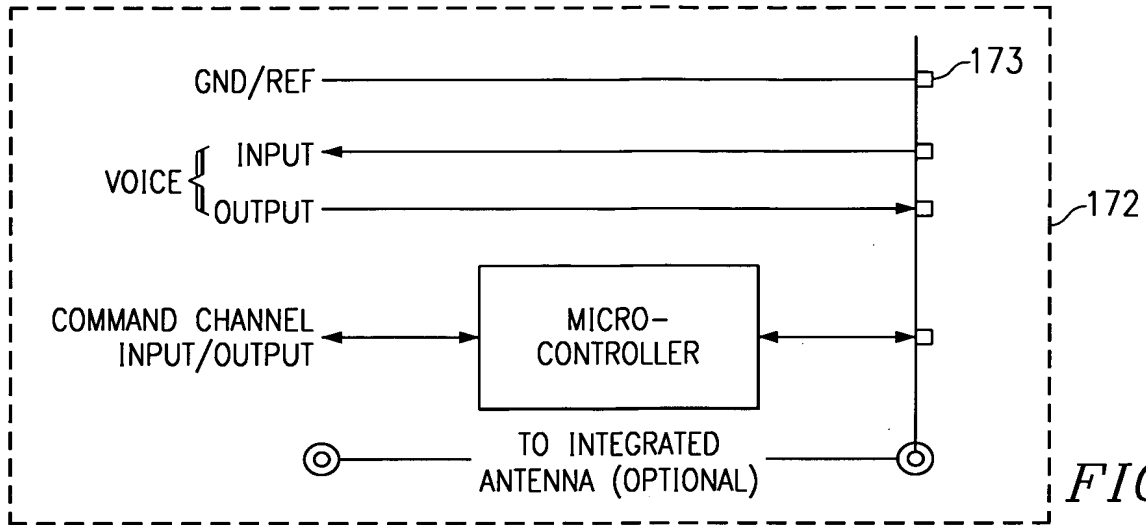


FIG. 32



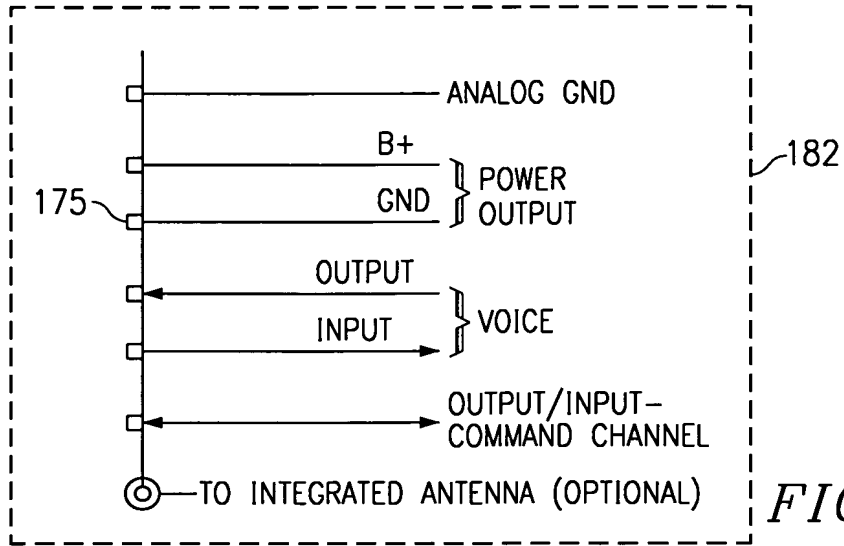


FIG. 36

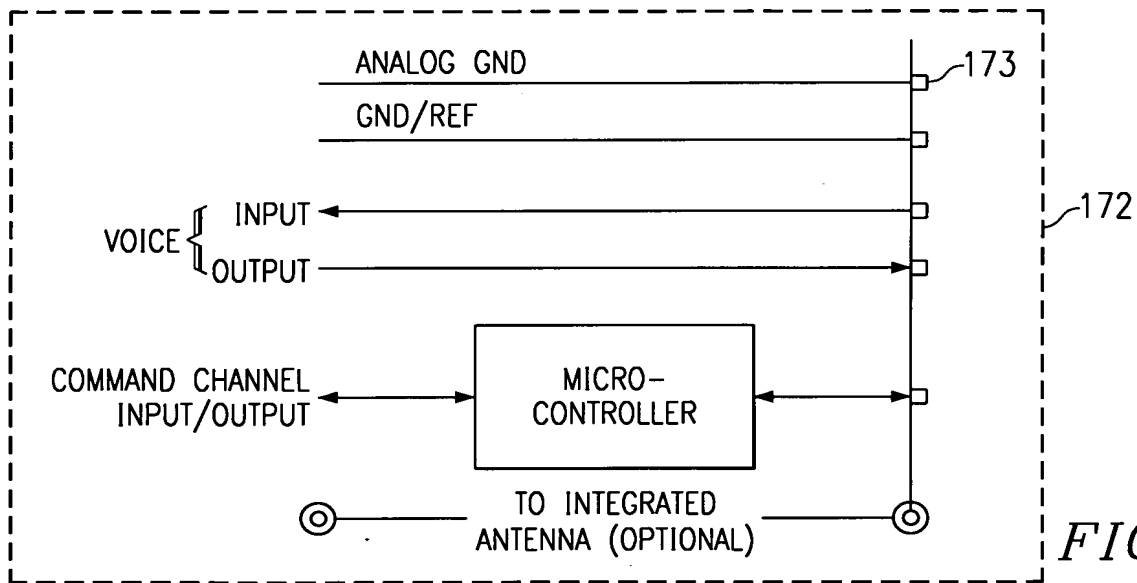


FIG. 37

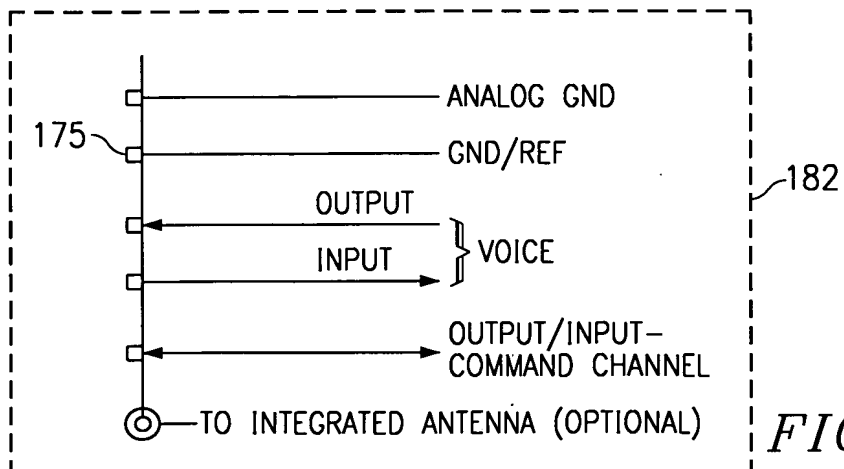


FIG. 38

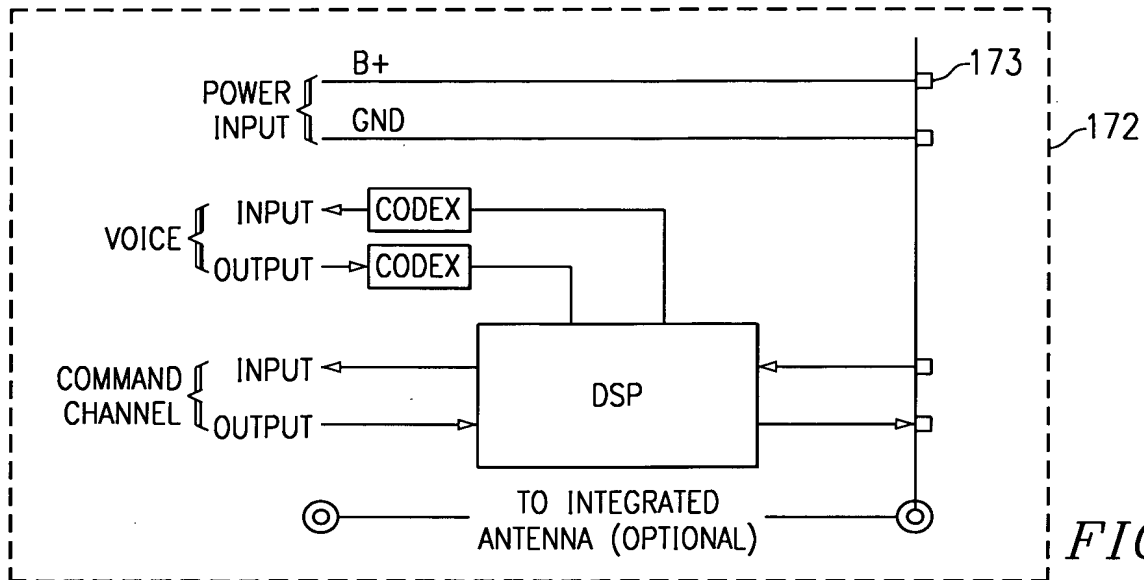


FIG. 39

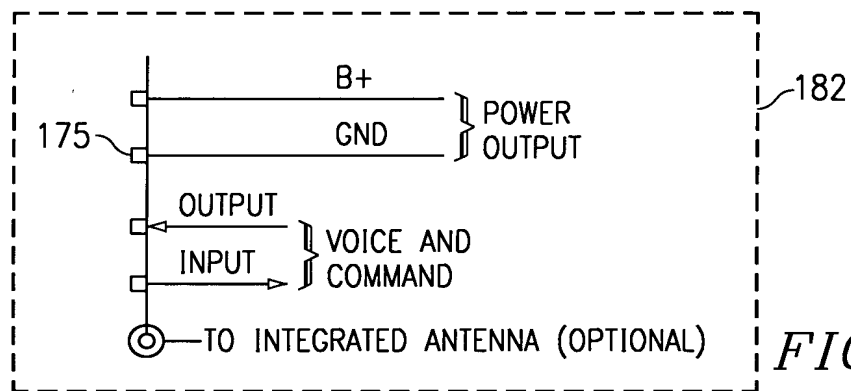


FIG. 40

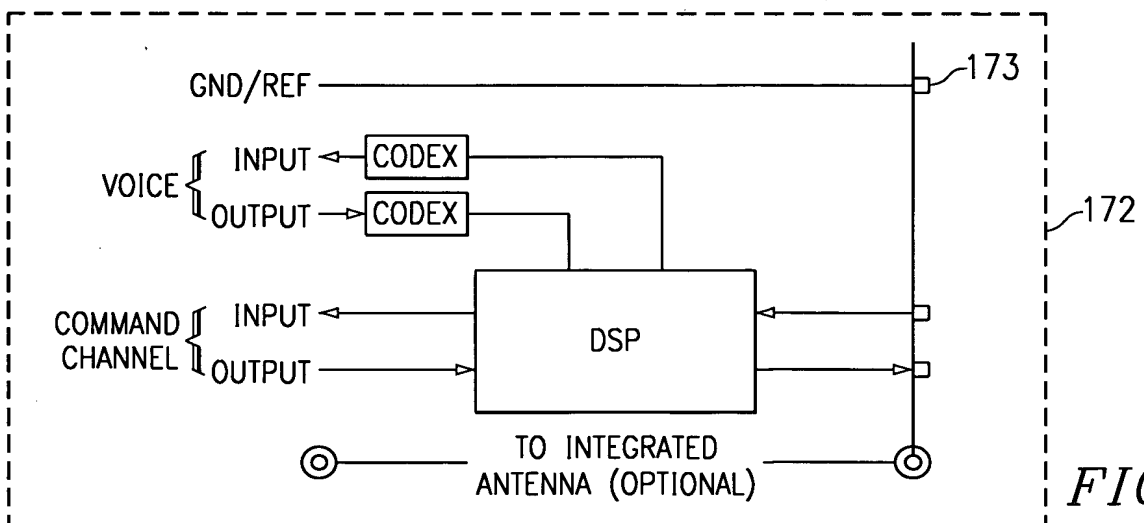


FIG. 41

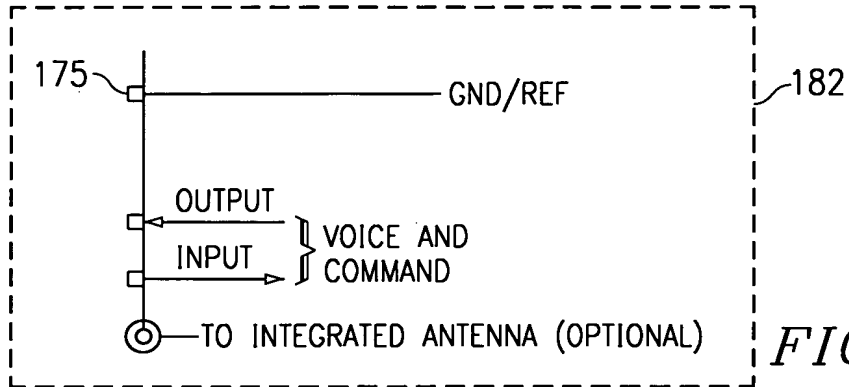


FIG. 42

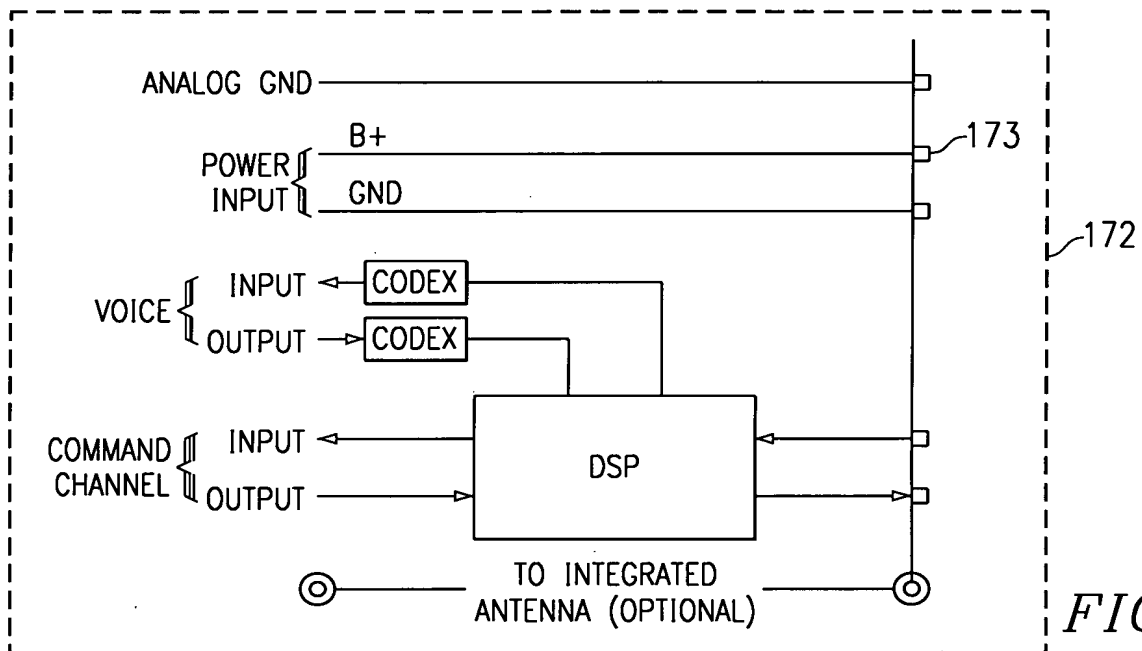


FIG. 43

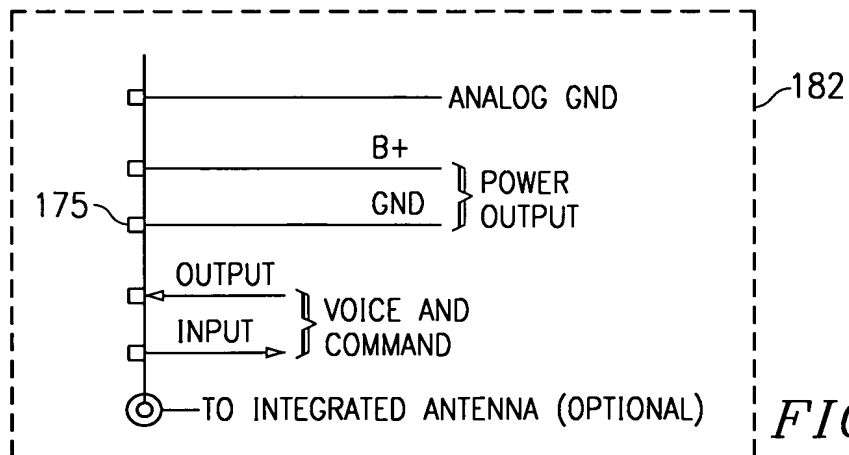


FIG. 44

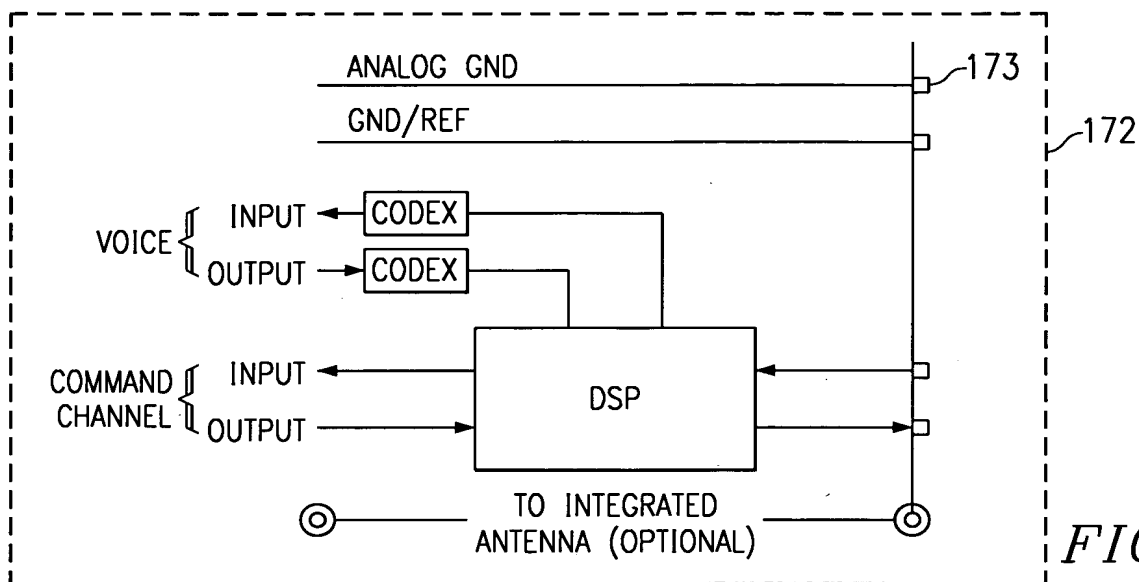


FIG. 45

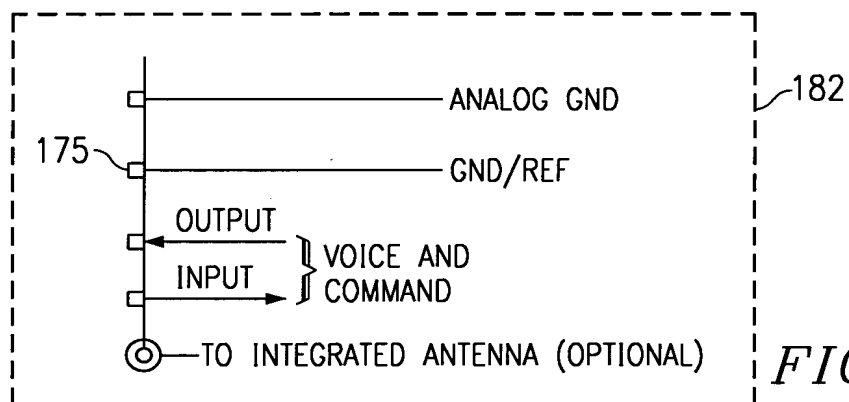


FIG. 46

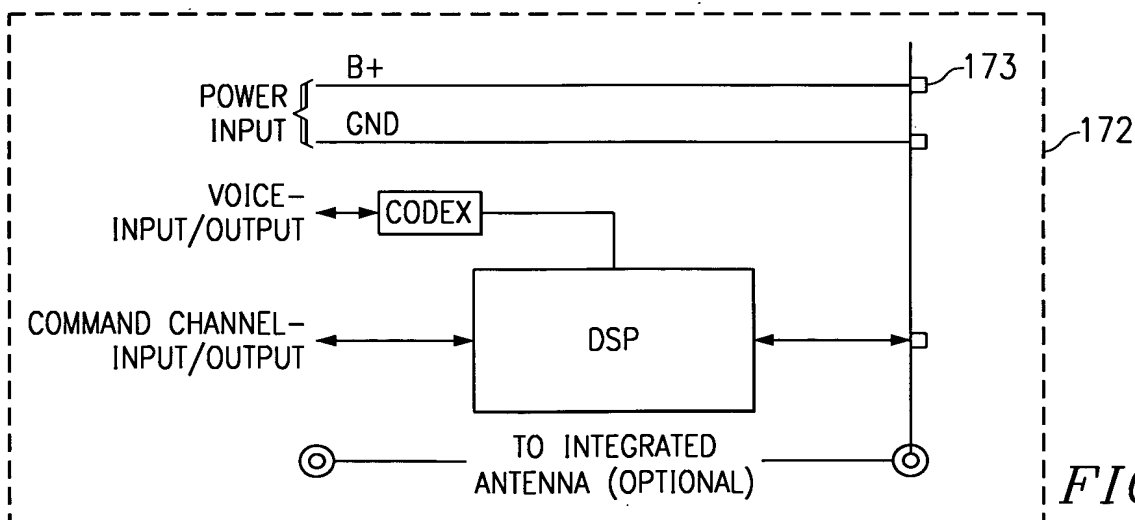


FIG. 47

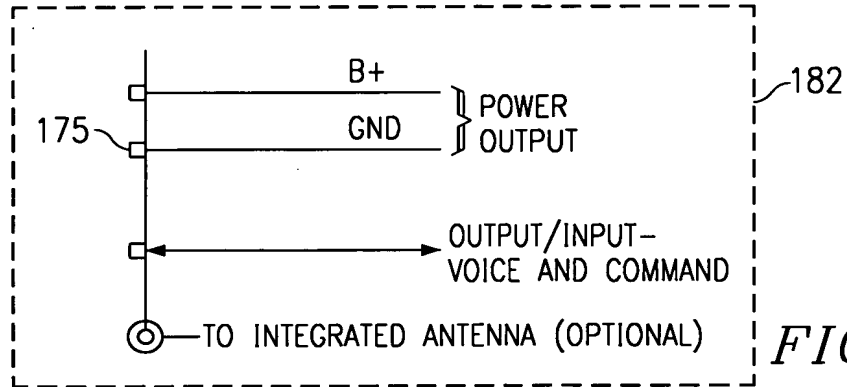


FIG. 48

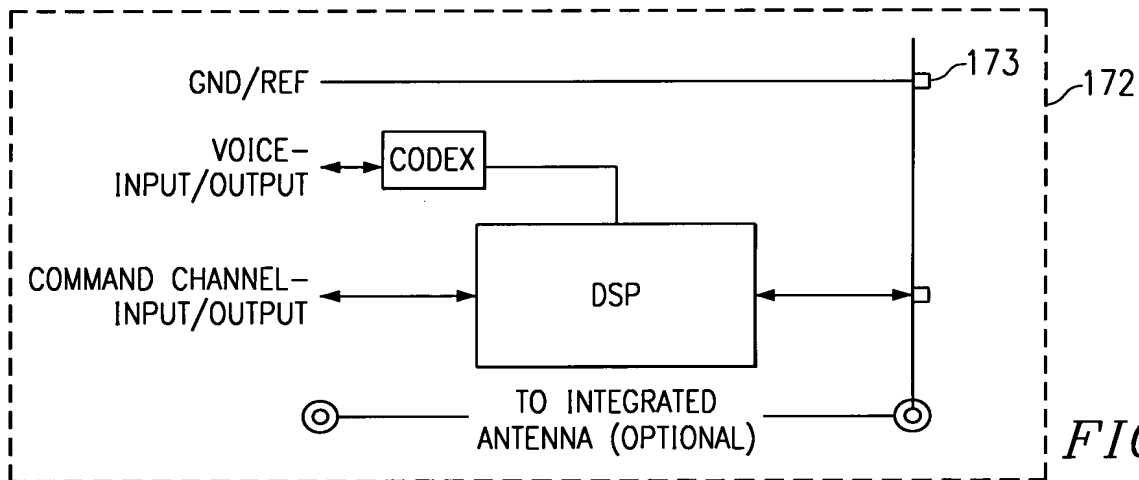


FIG. 49

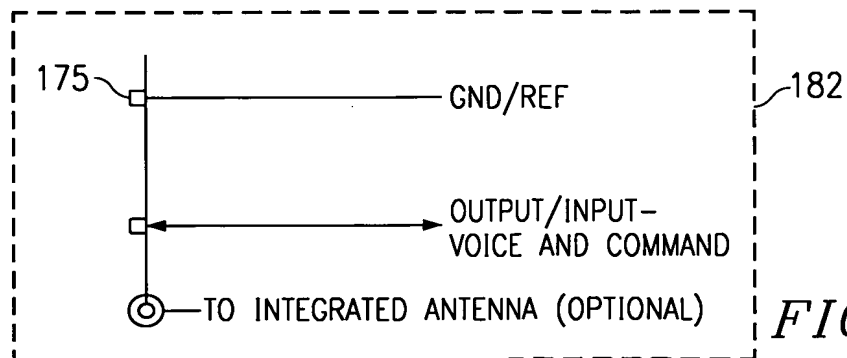


FIG. 50

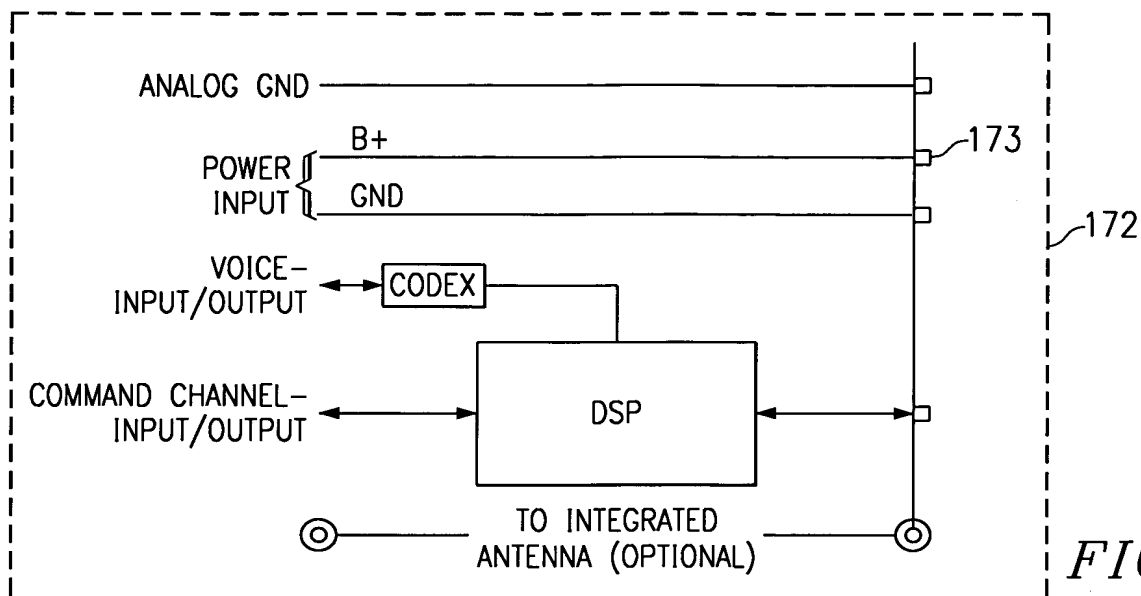


FIG. 51

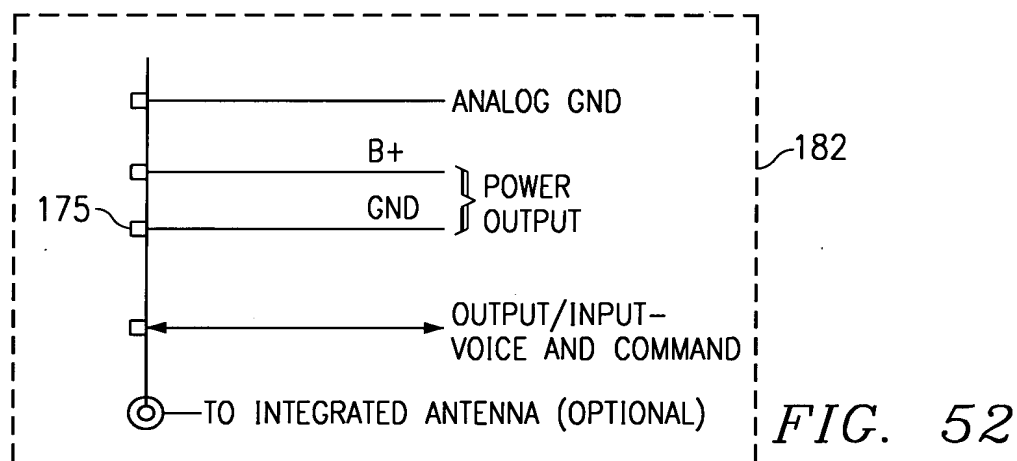


FIG. 52

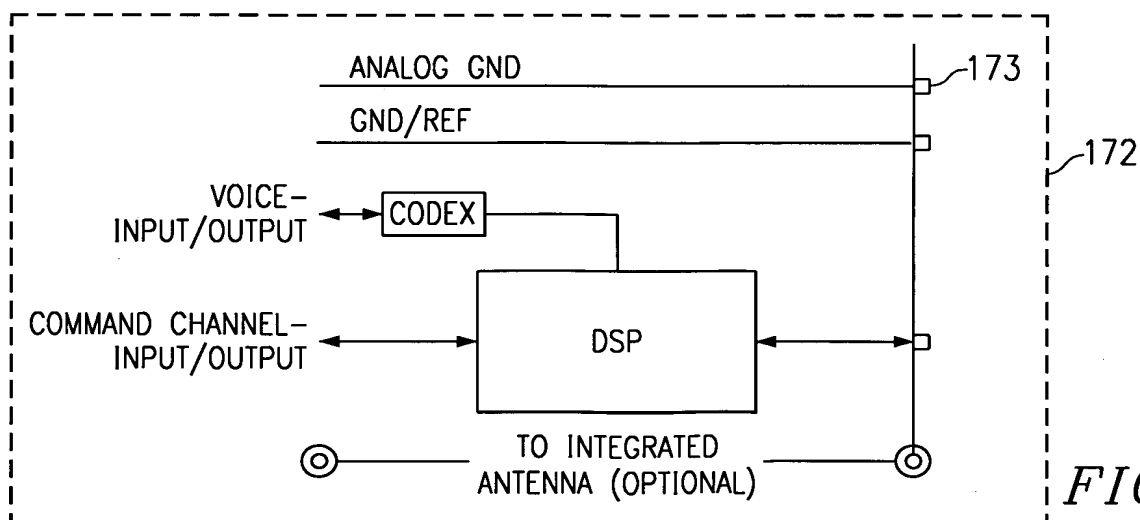


FIG. 53

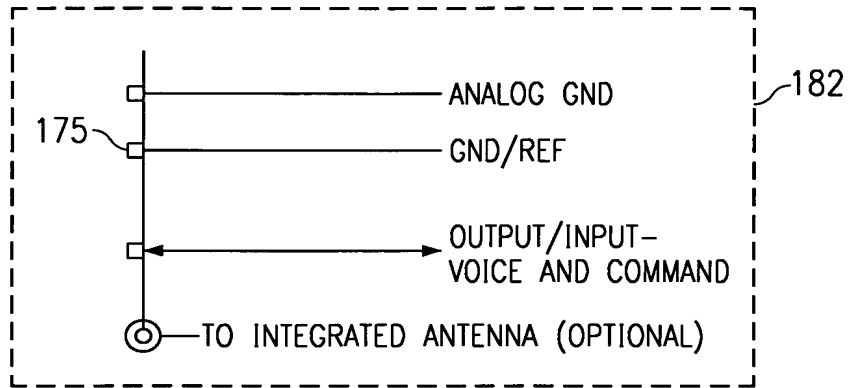


FIG. 54

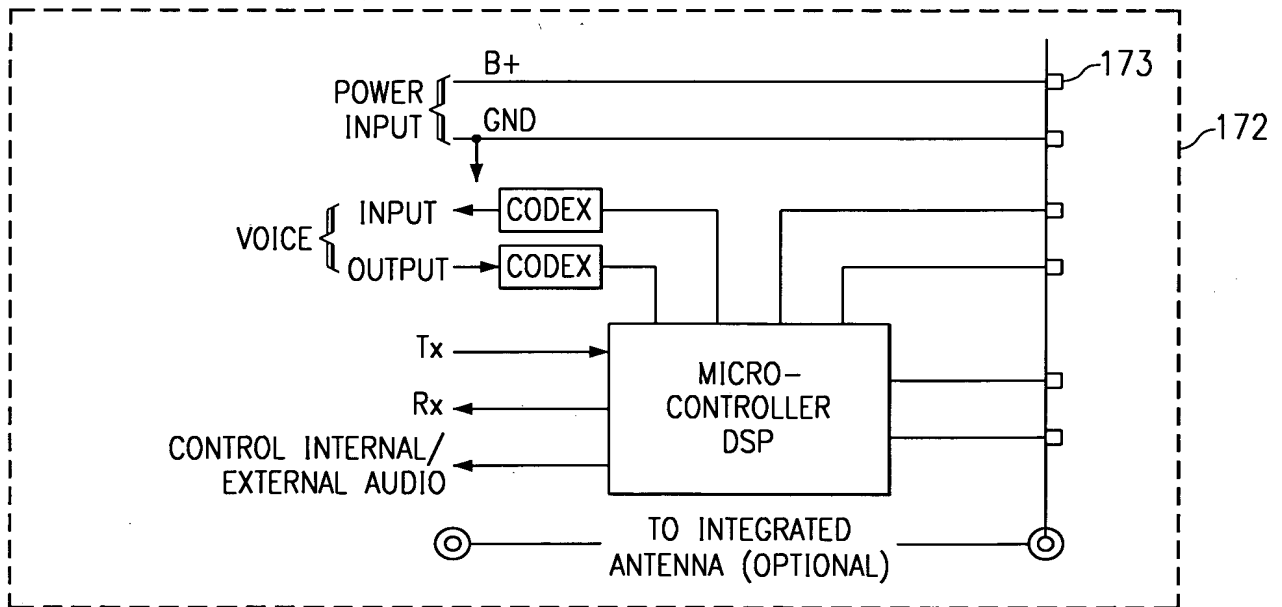
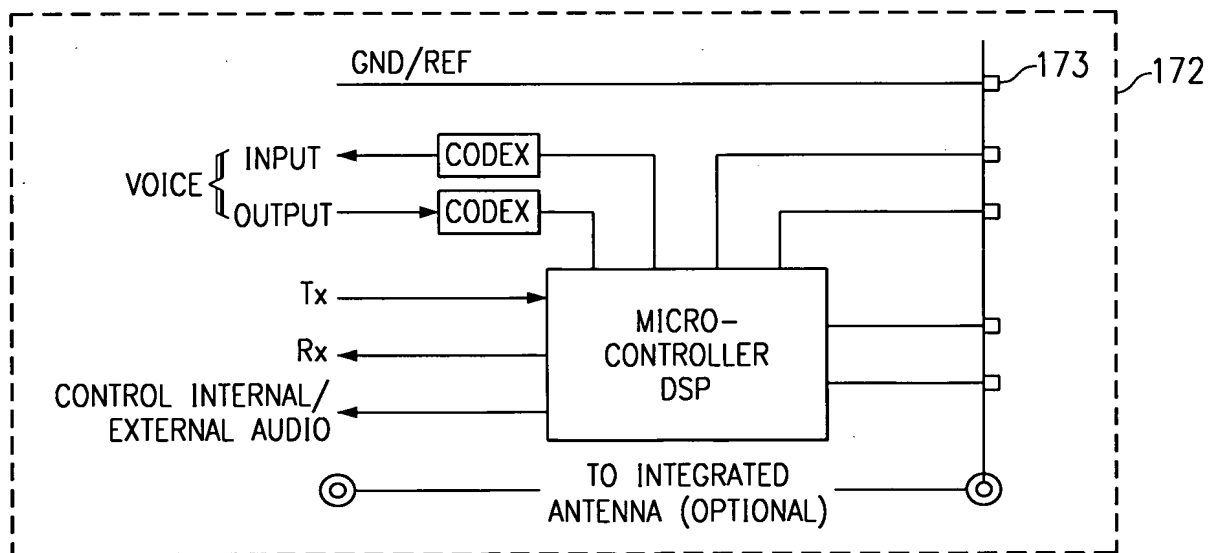
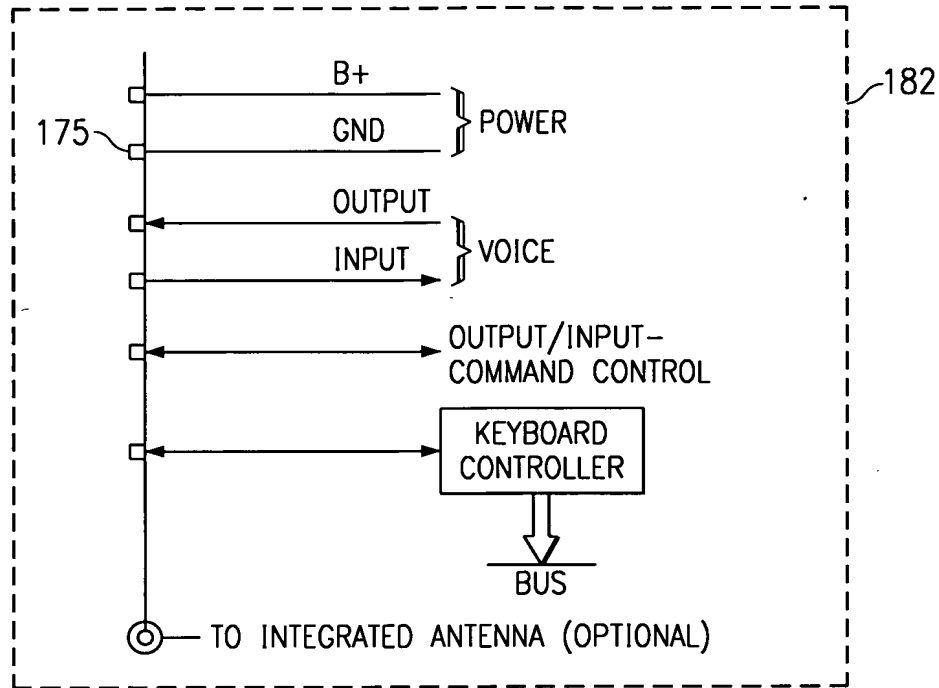


FIG. 55



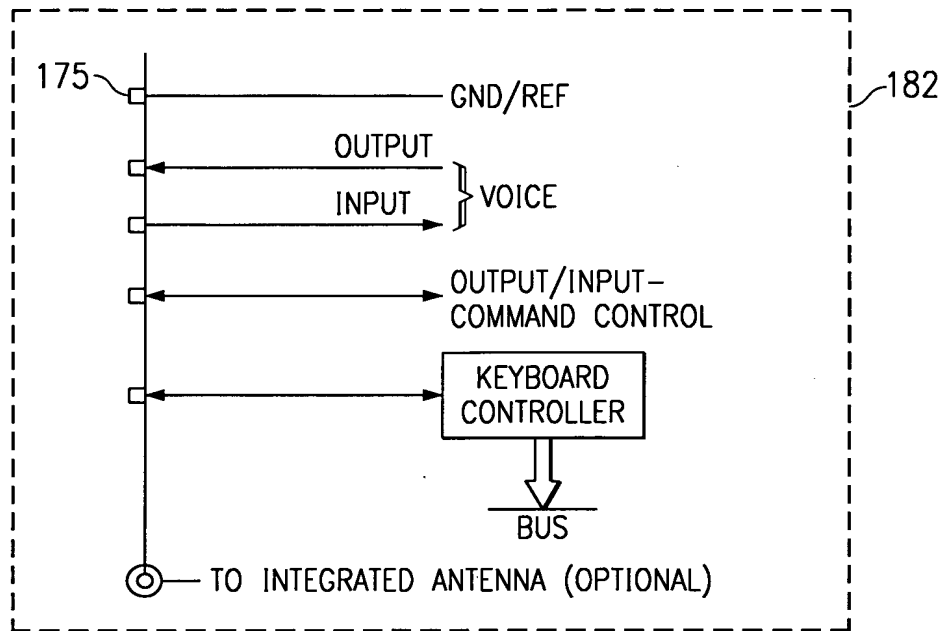


FIG. 58

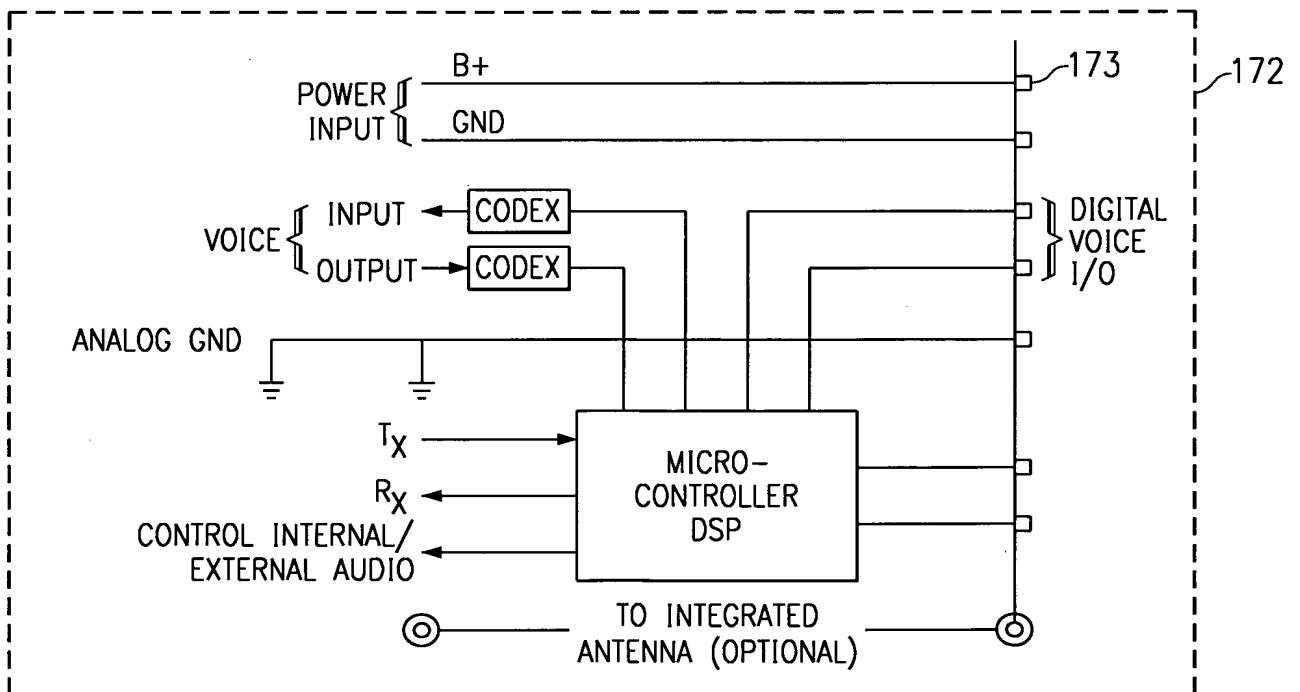


FIG. 59

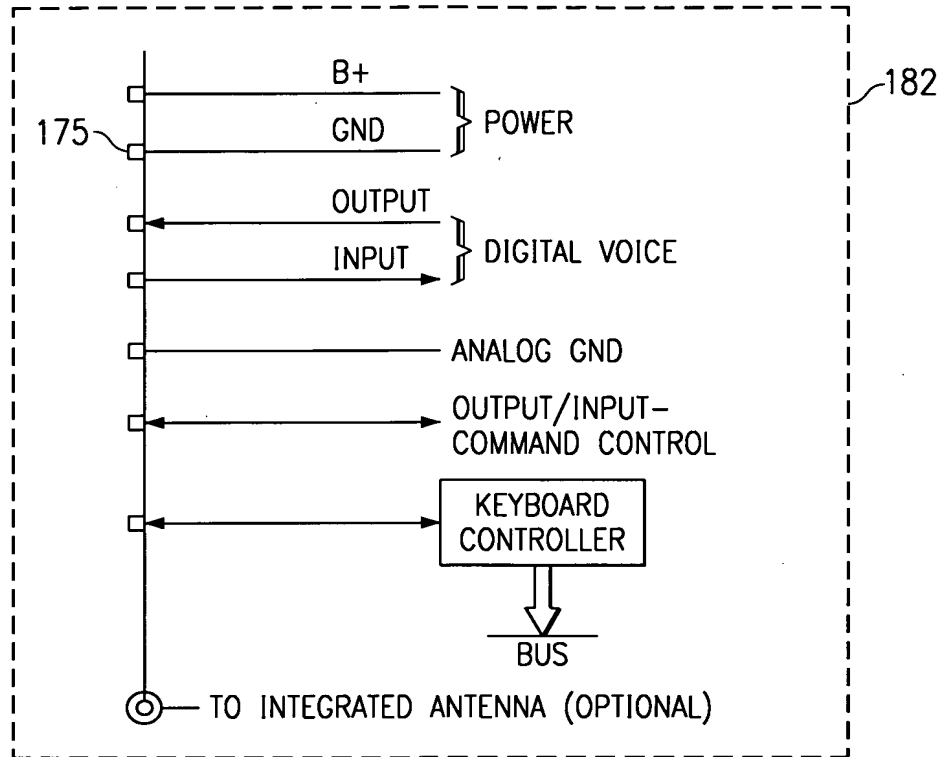


FIG. 60

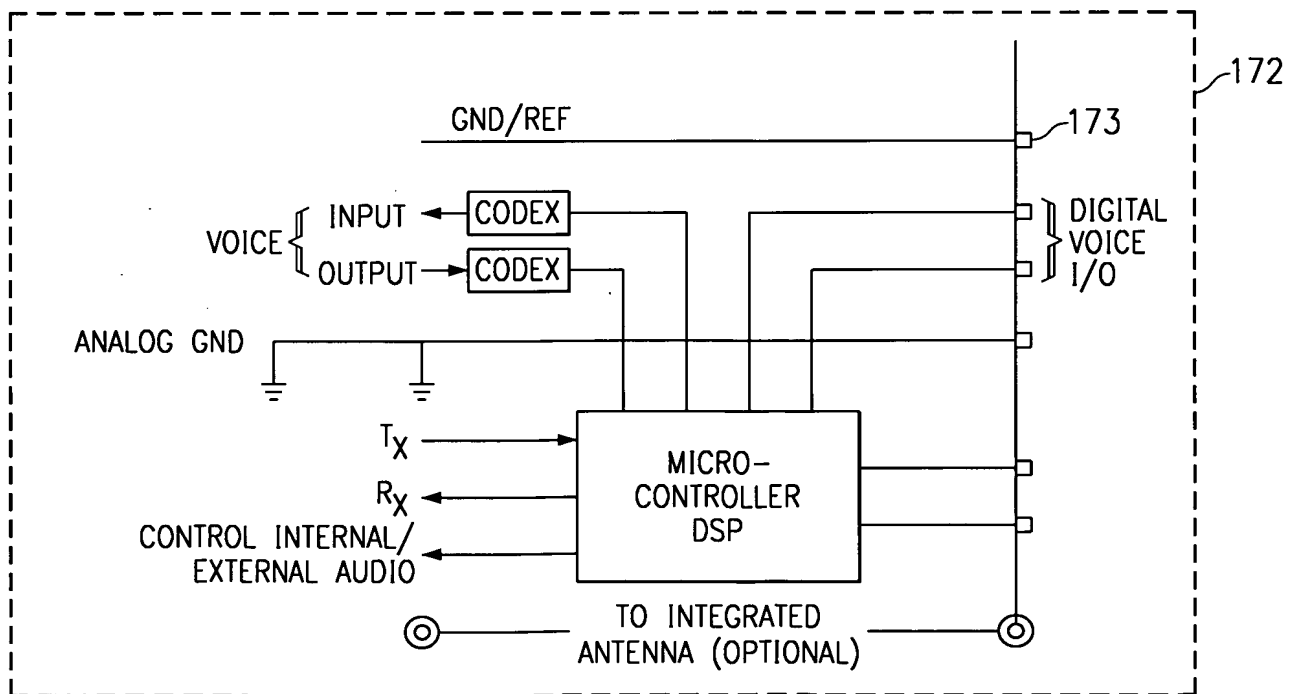


FIG. 61

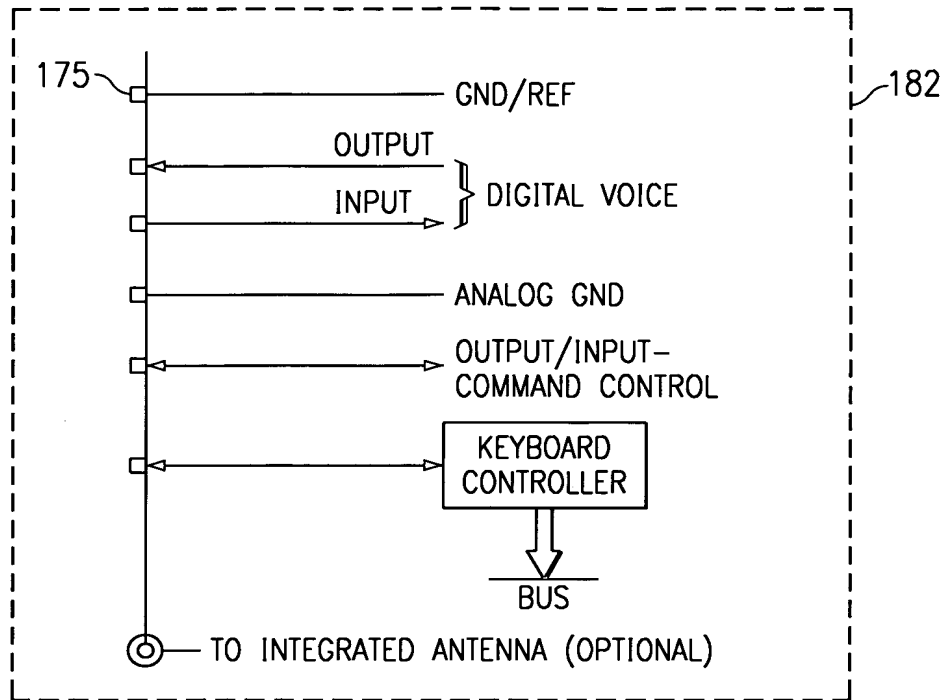


FIG. 62

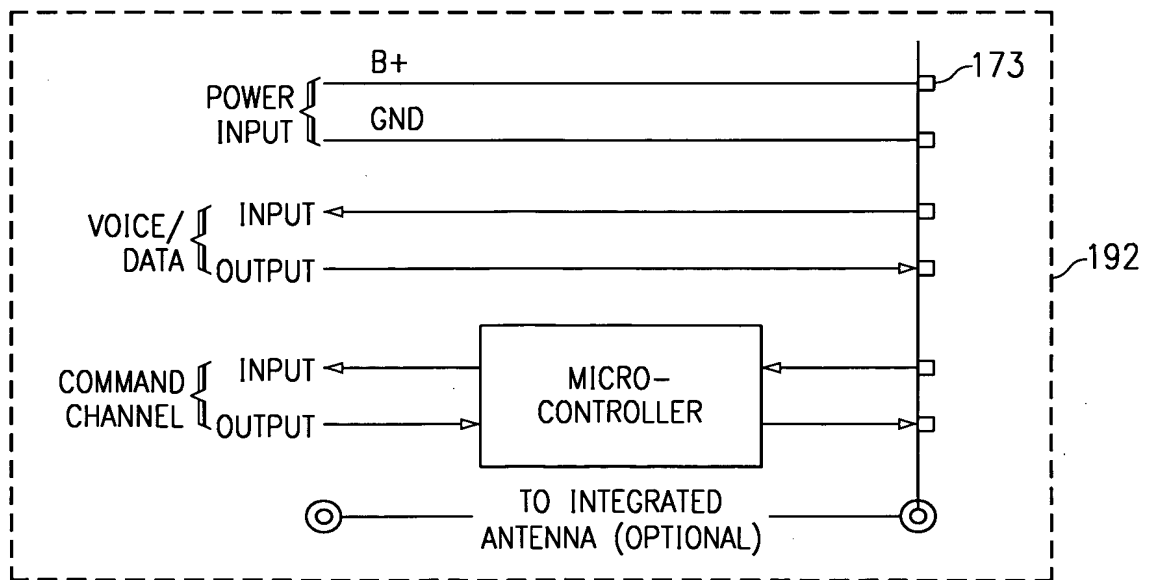
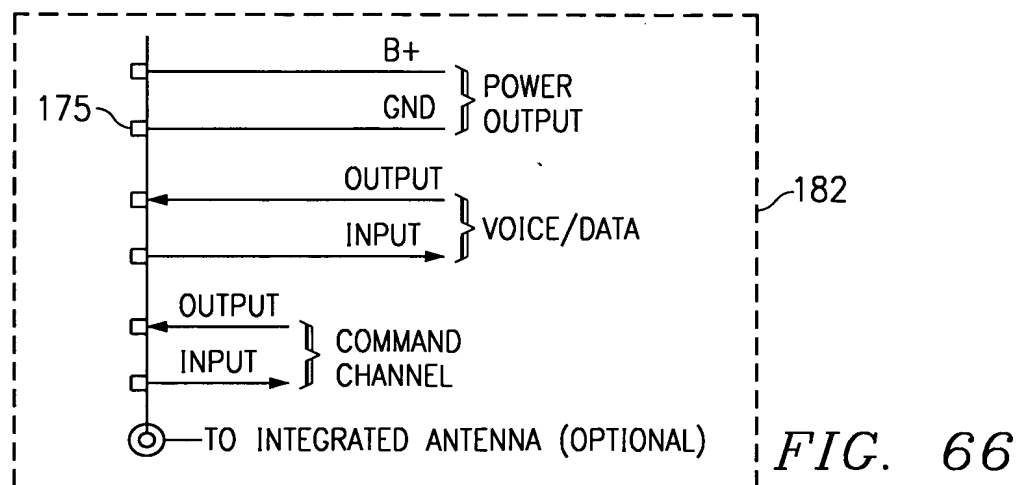
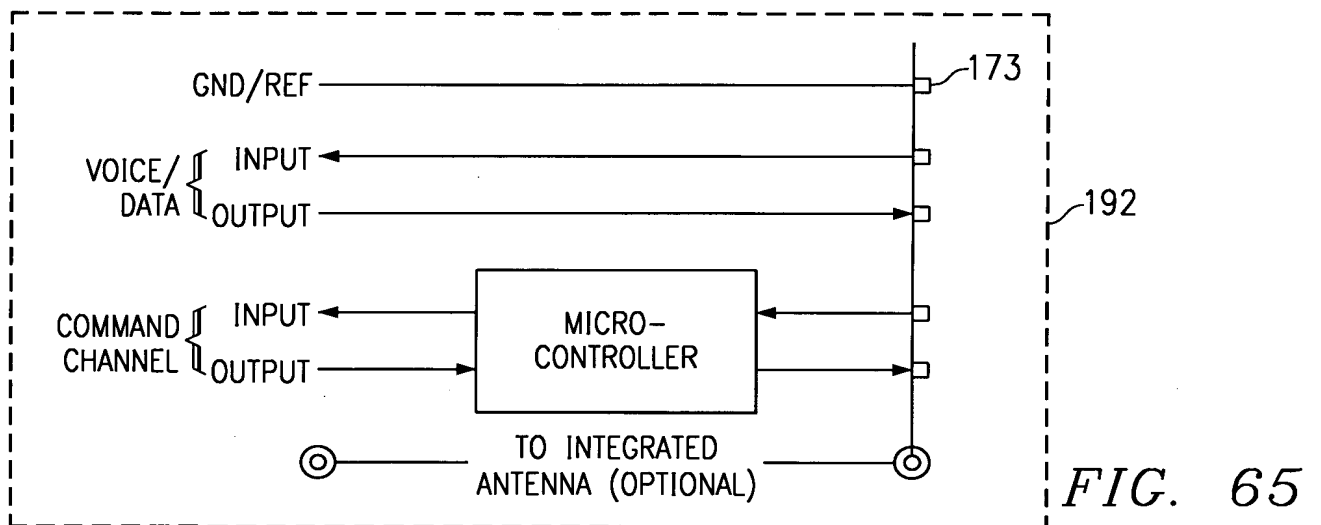
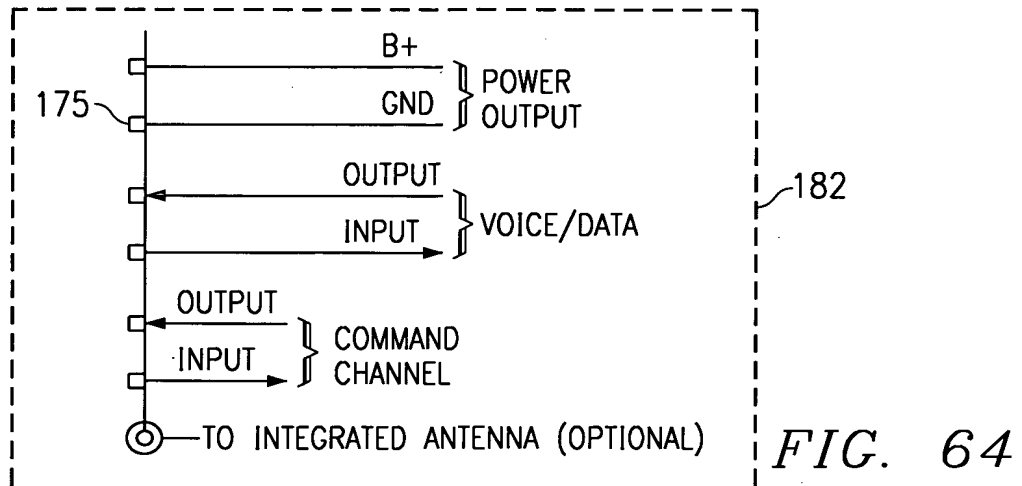


FIG. 63



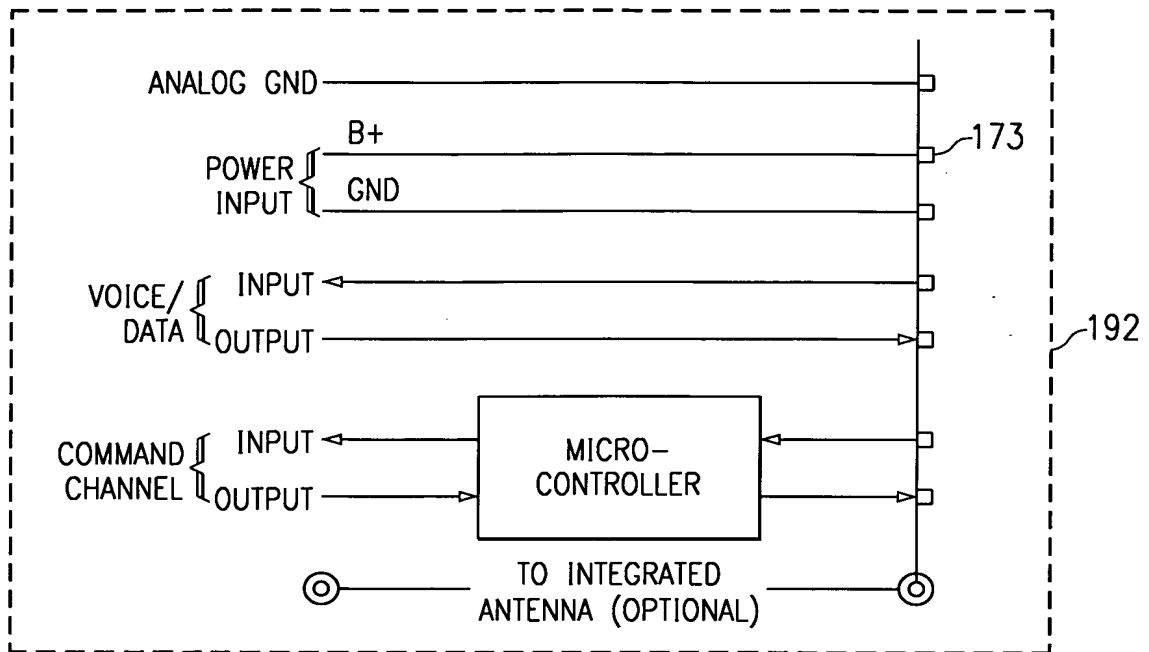


FIG. 67

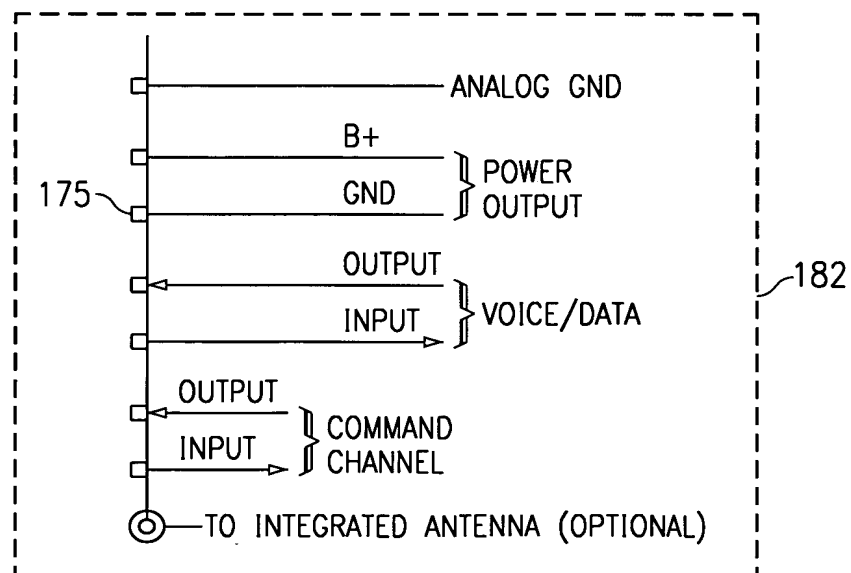
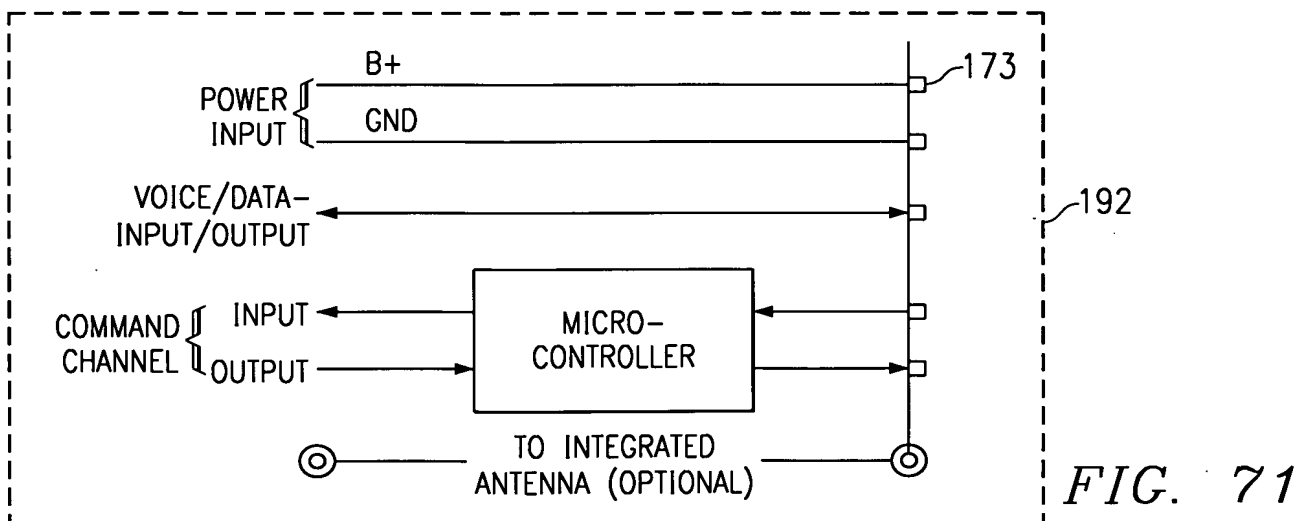
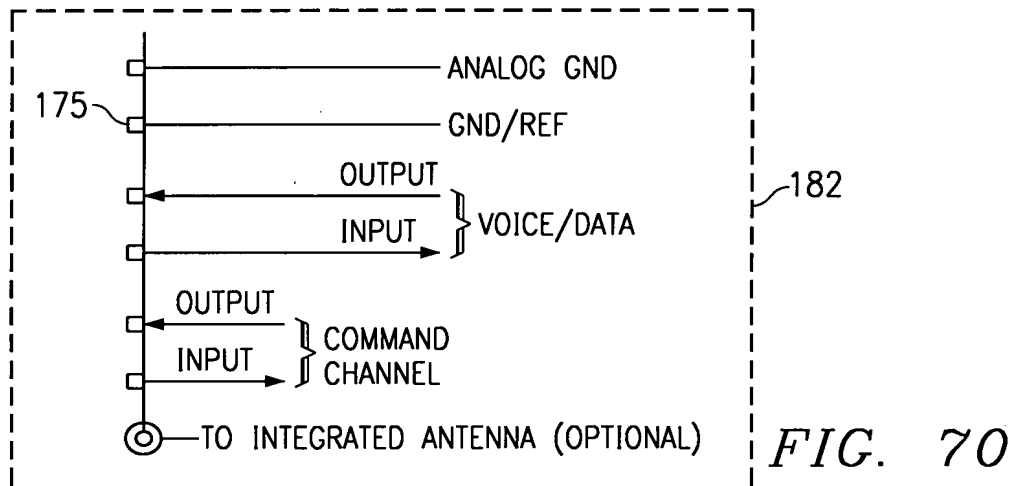
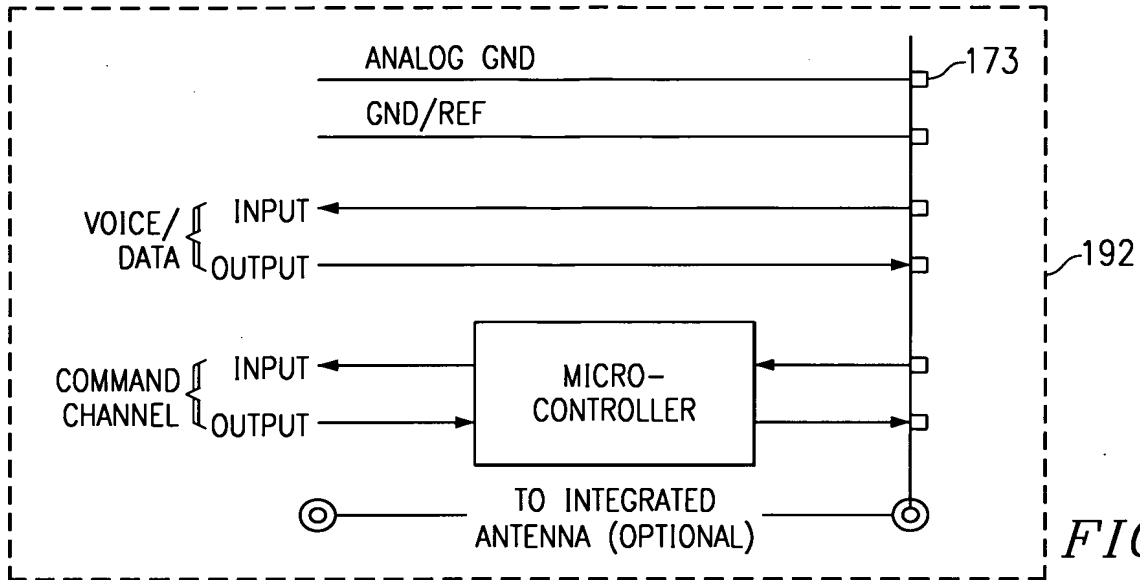


FIG. 68



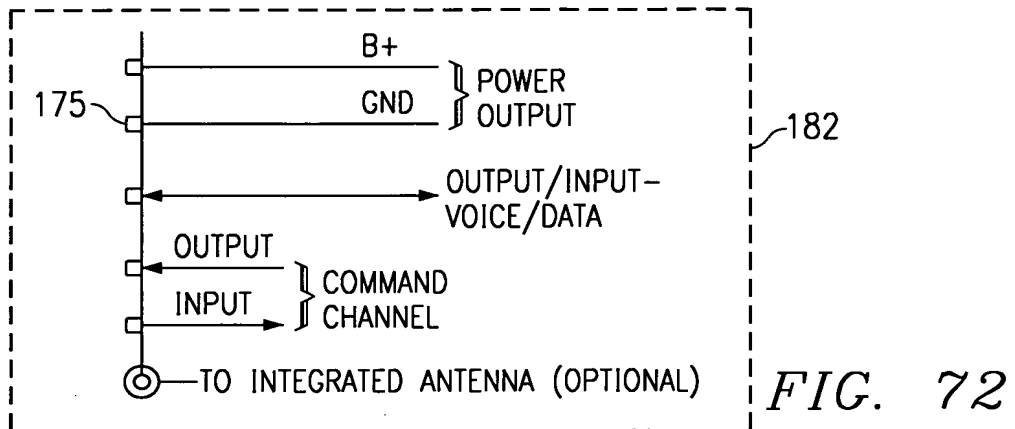


FIG. 72

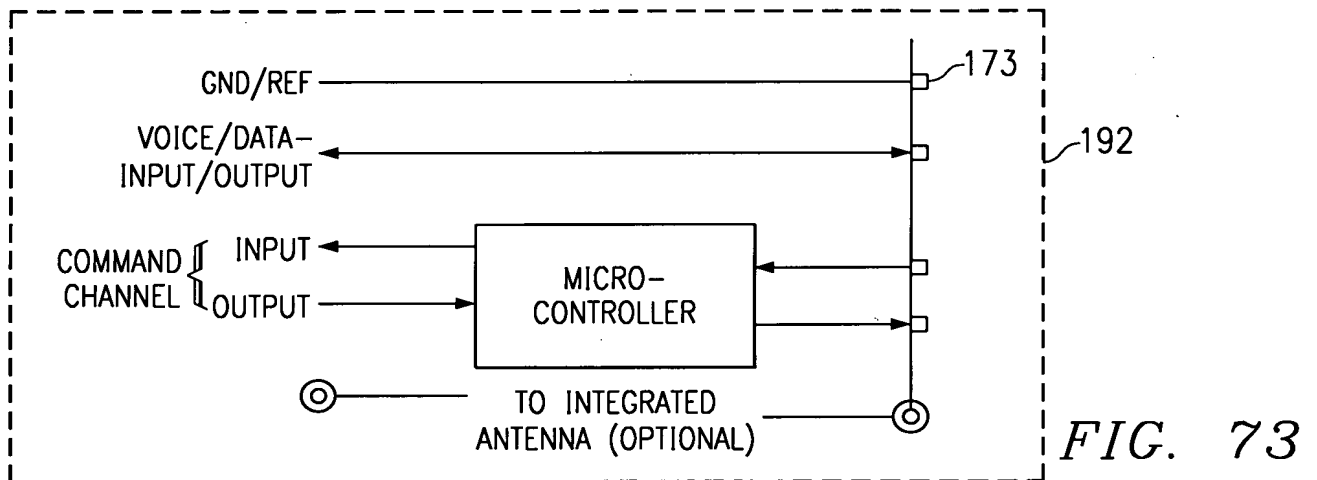


FIG. 73

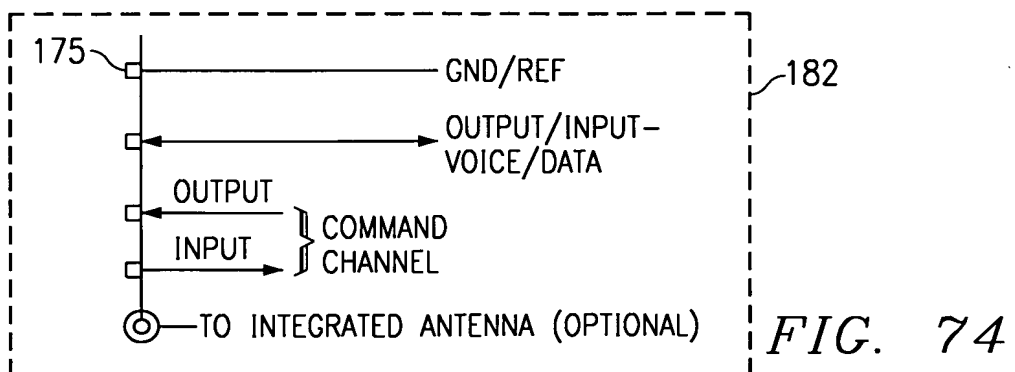
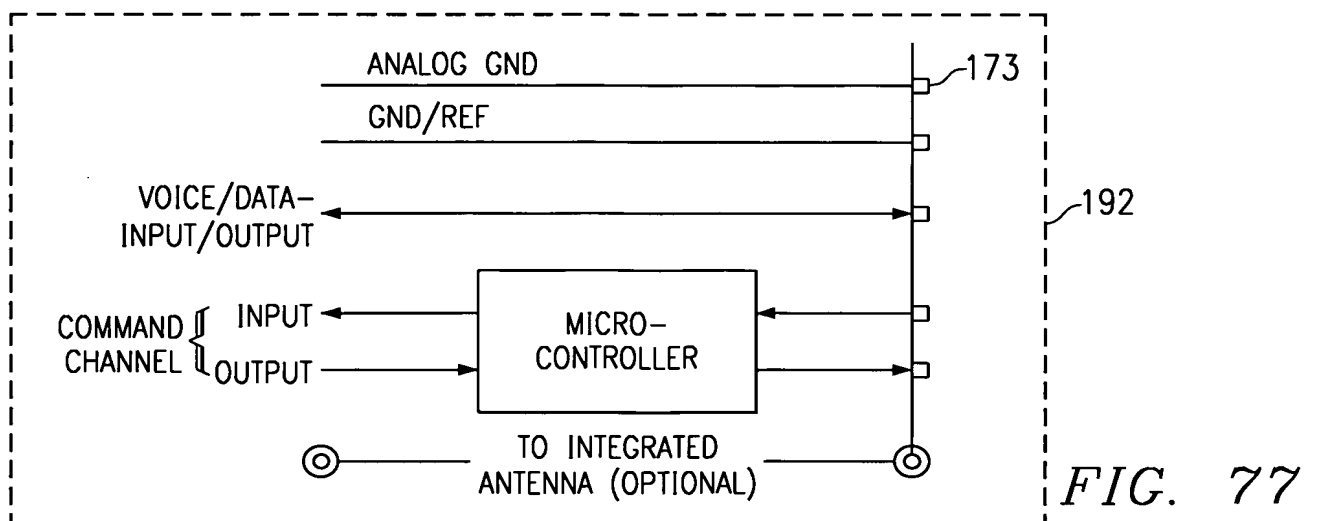
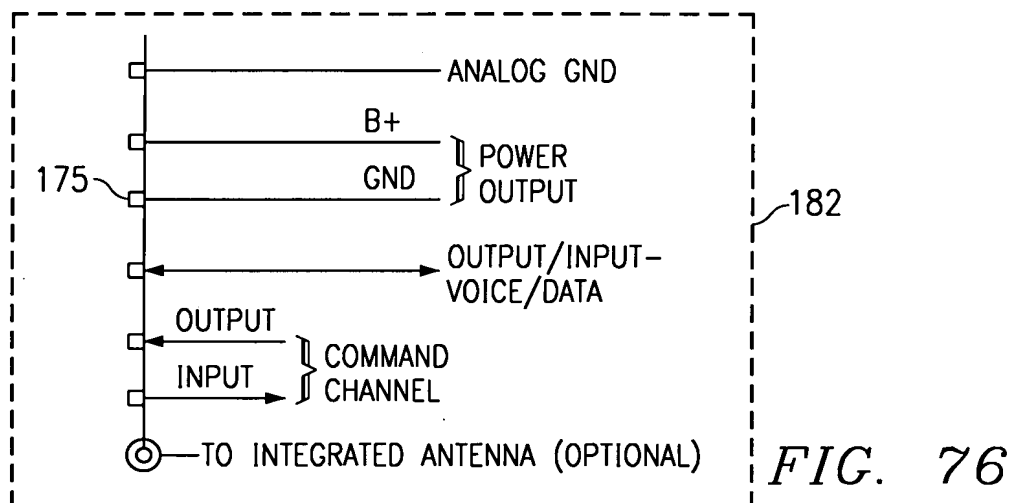
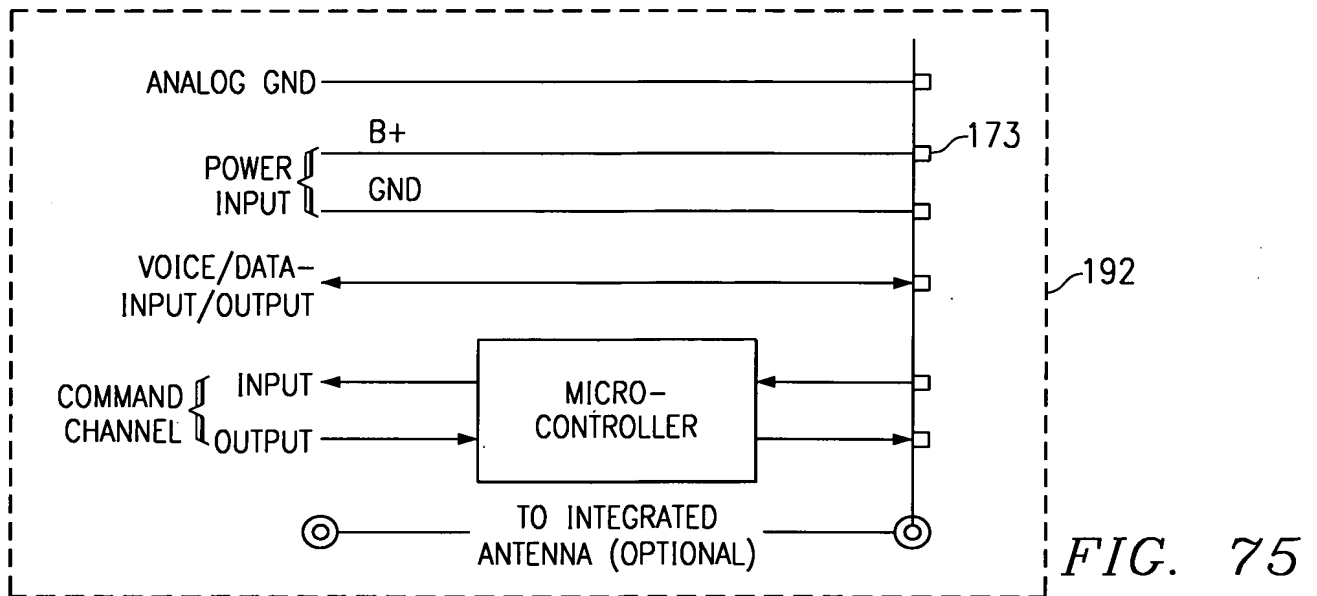


FIG. 74



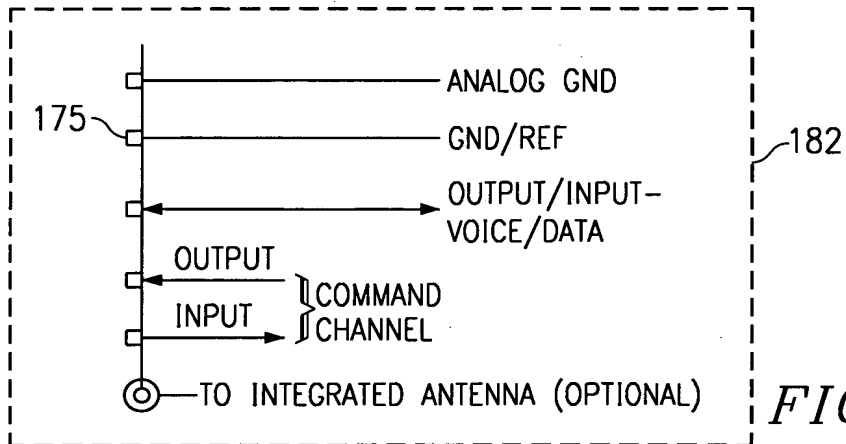


FIG. 78

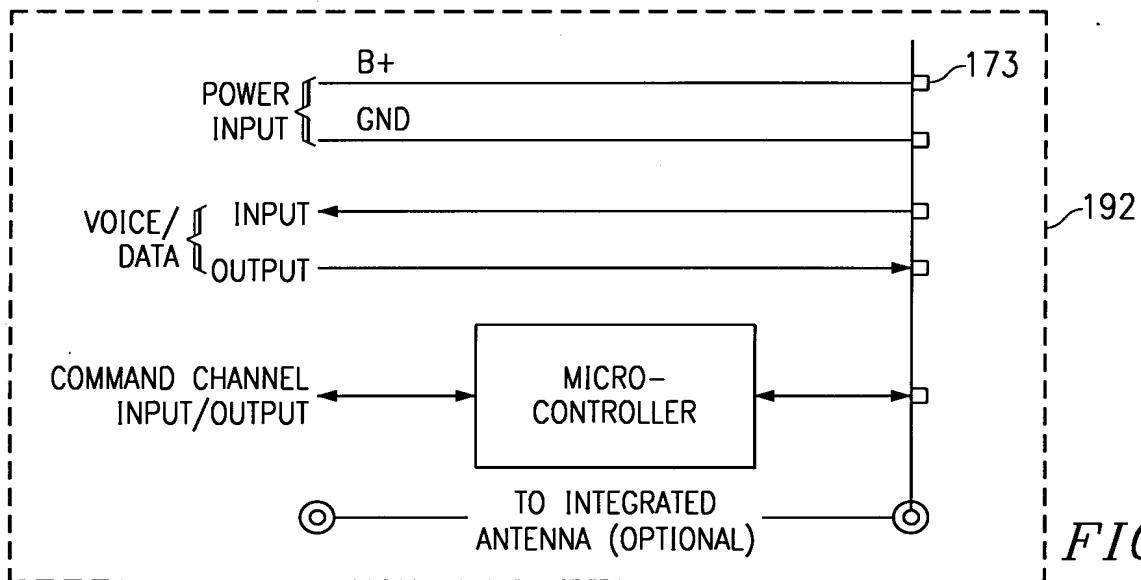


FIG. 79

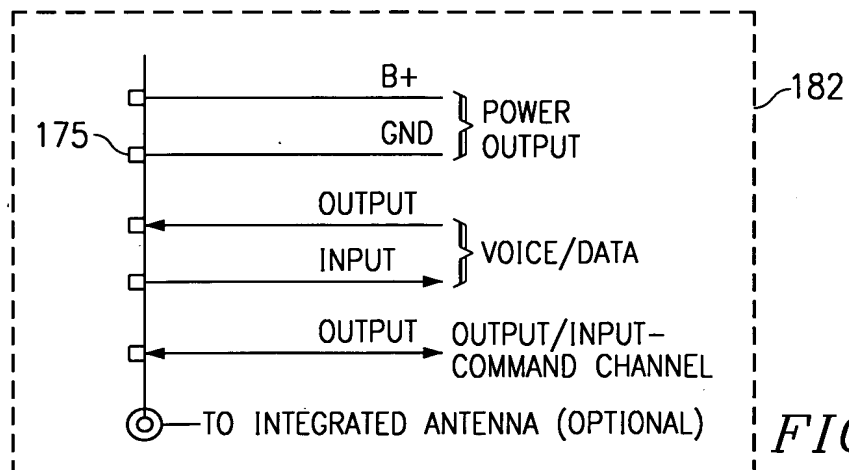
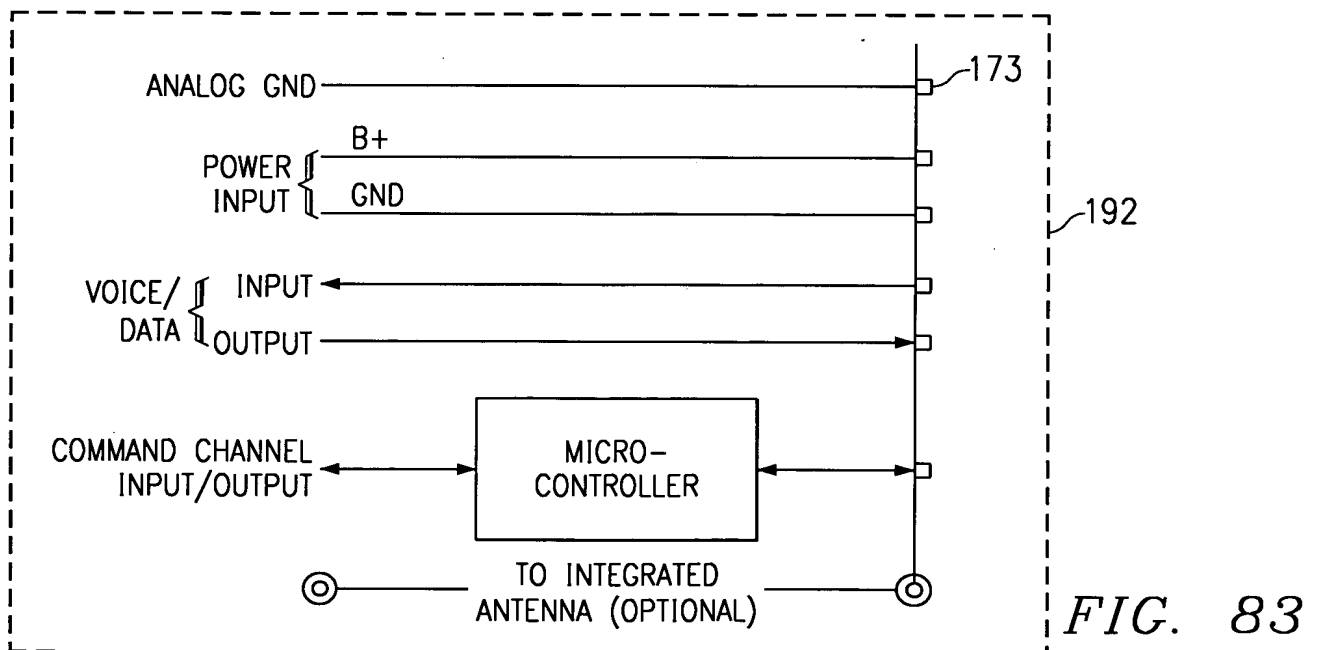
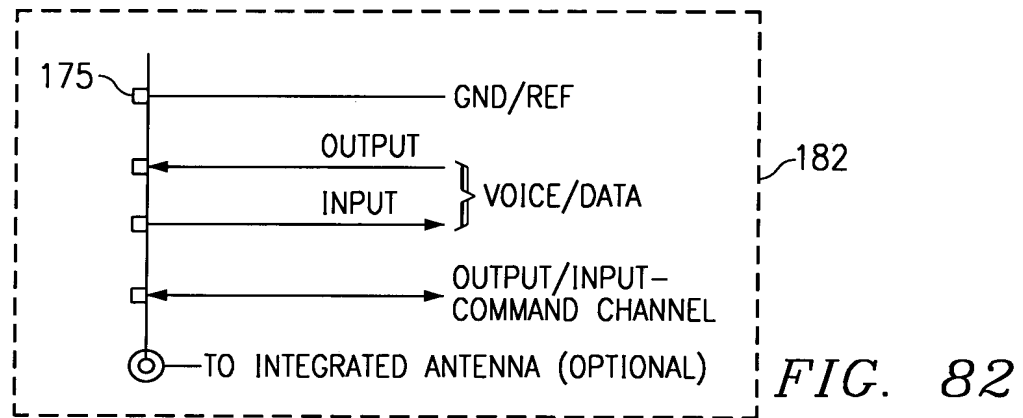
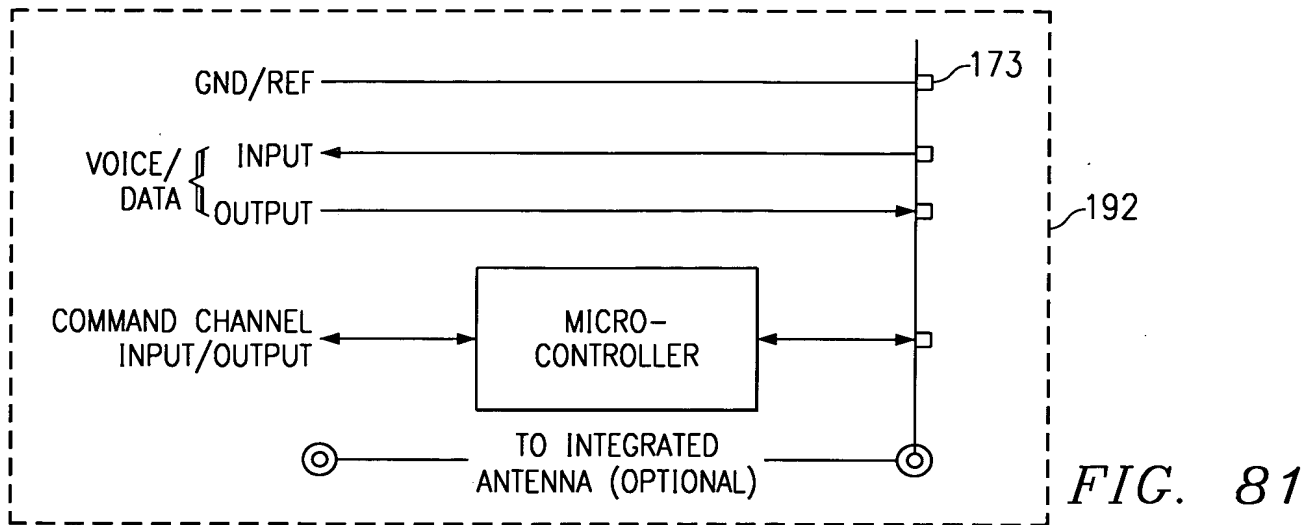


FIG. 80



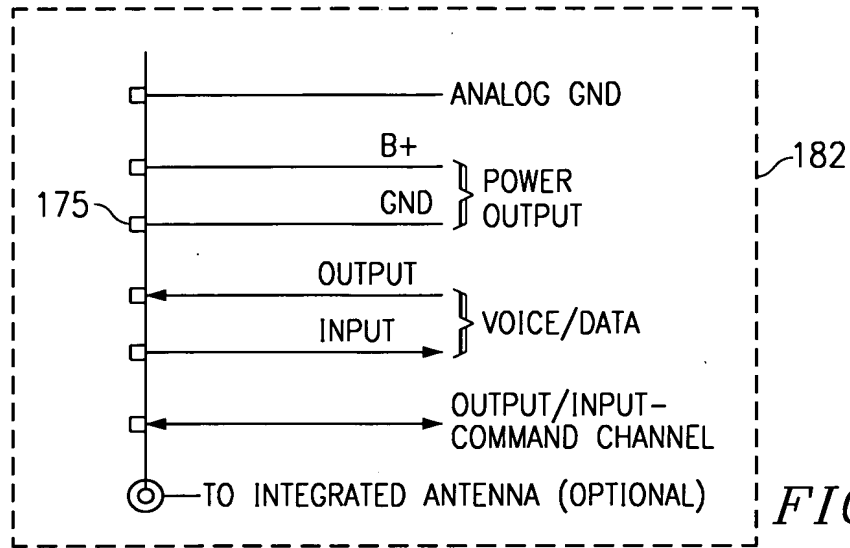


FIG. 84

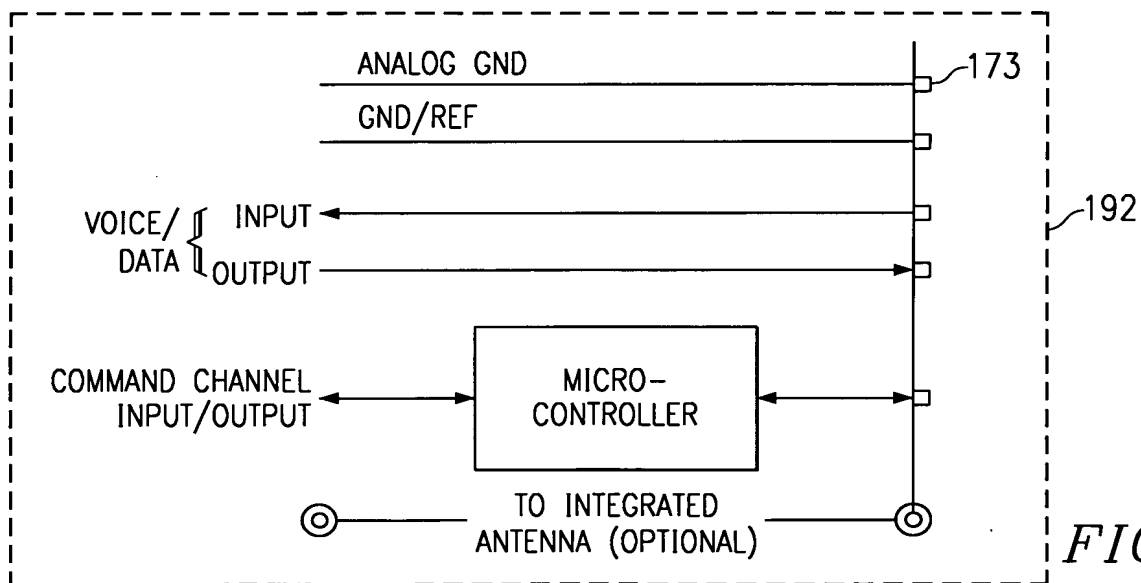


FIG. 85

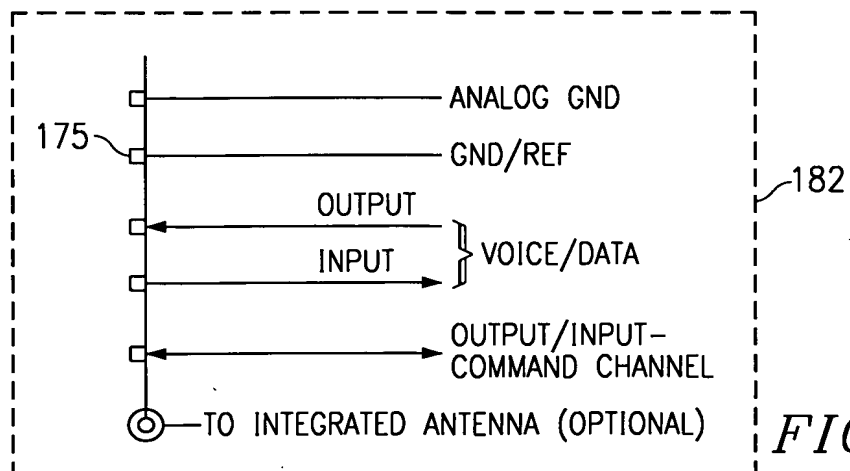
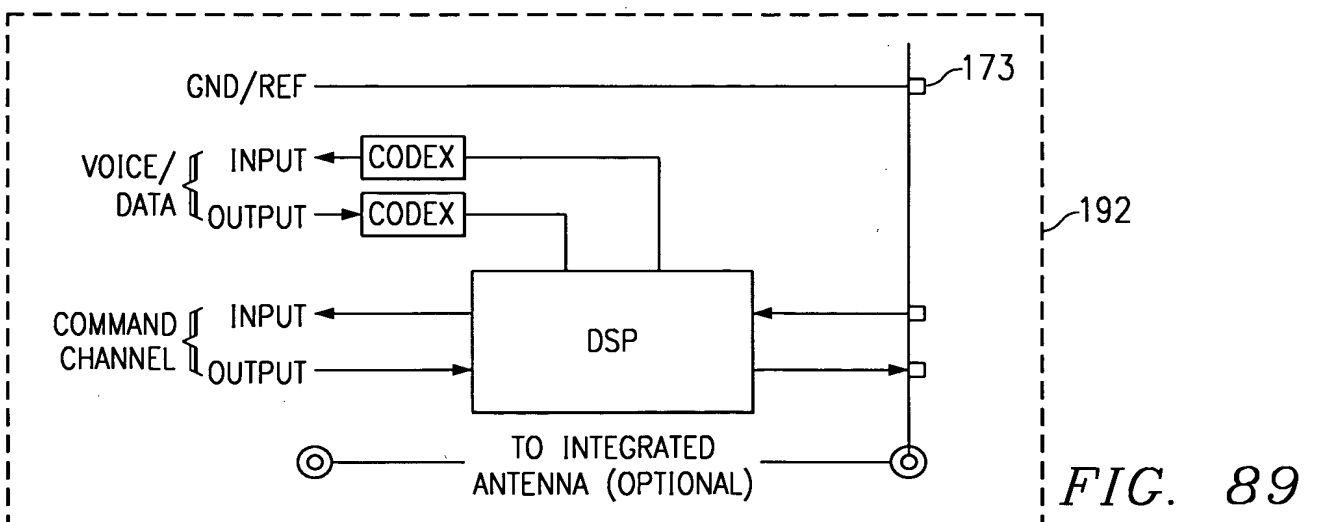
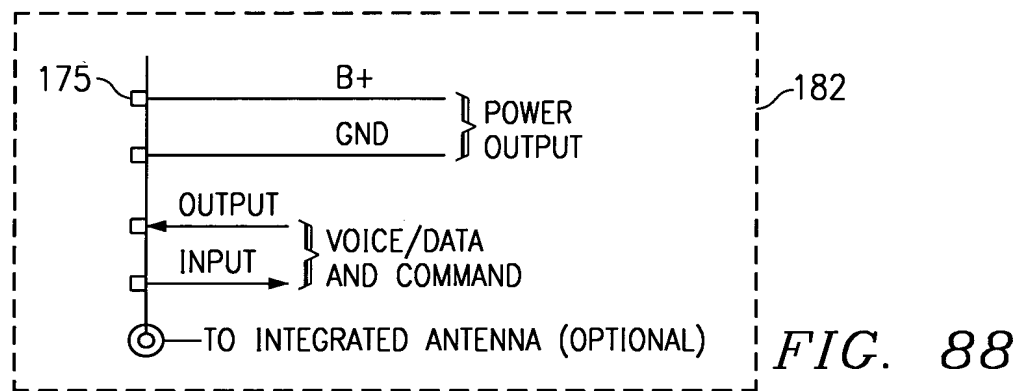
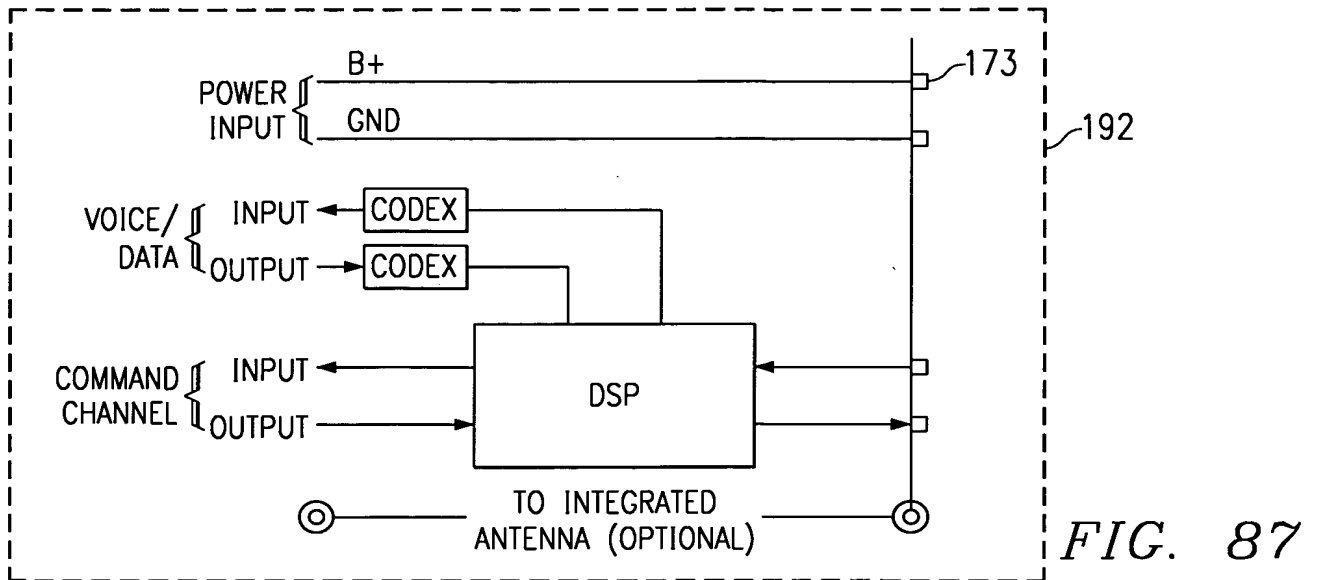


FIG. 86



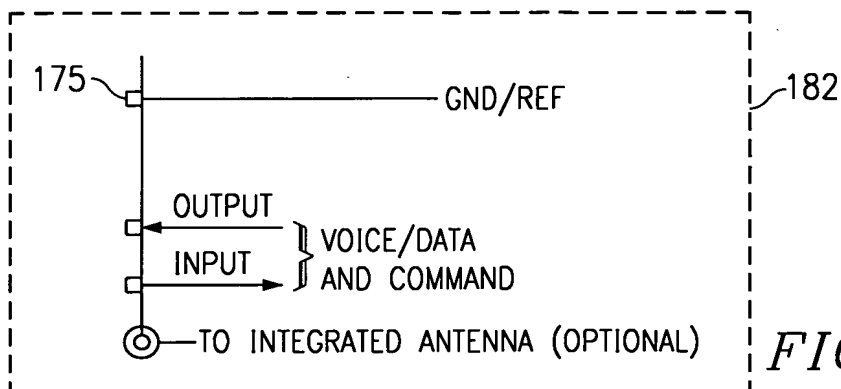


FIG. 90

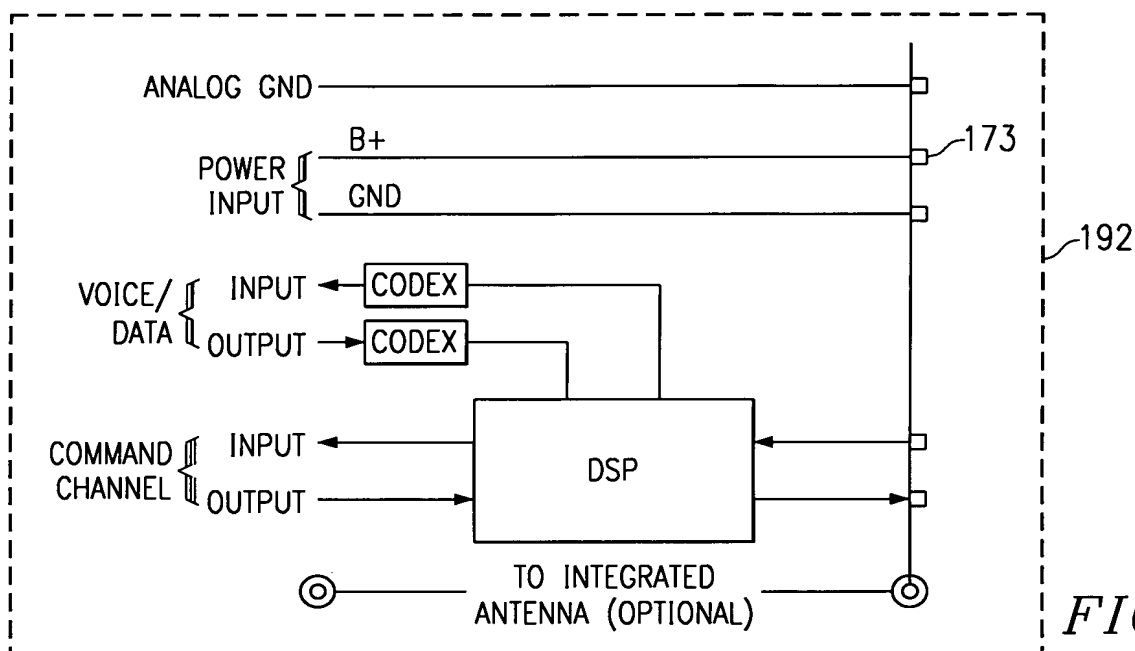


FIG. 91

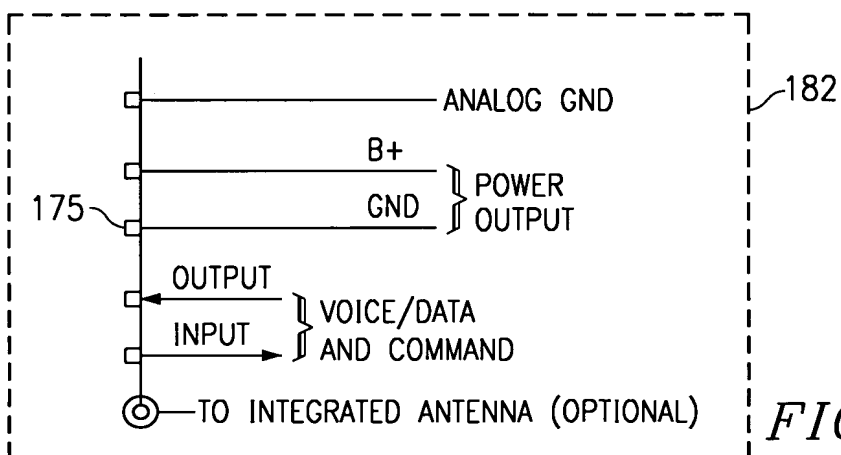
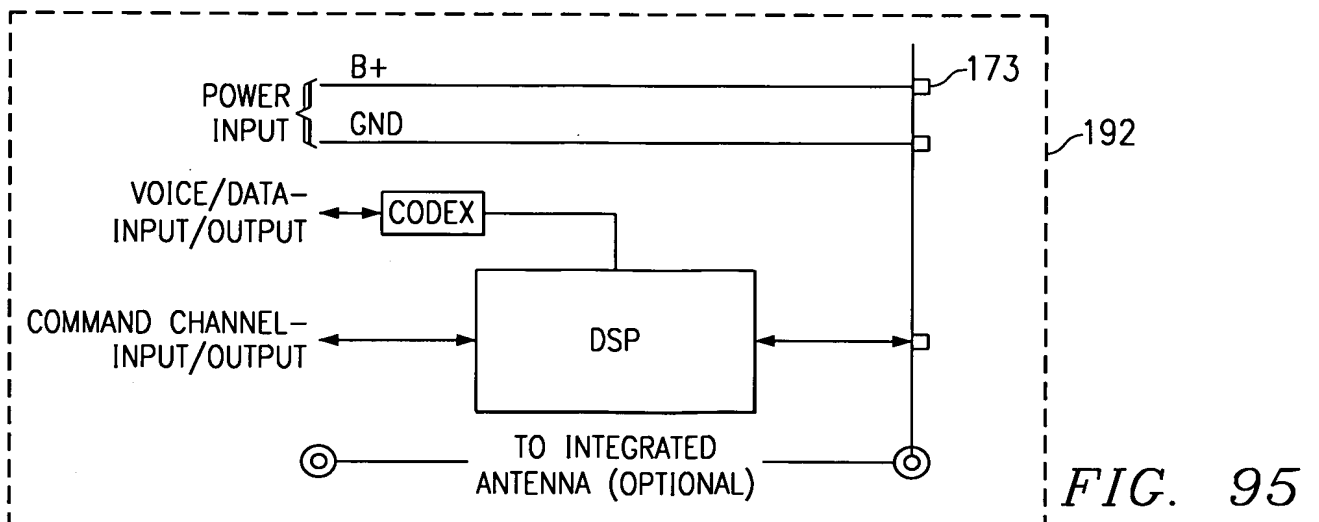
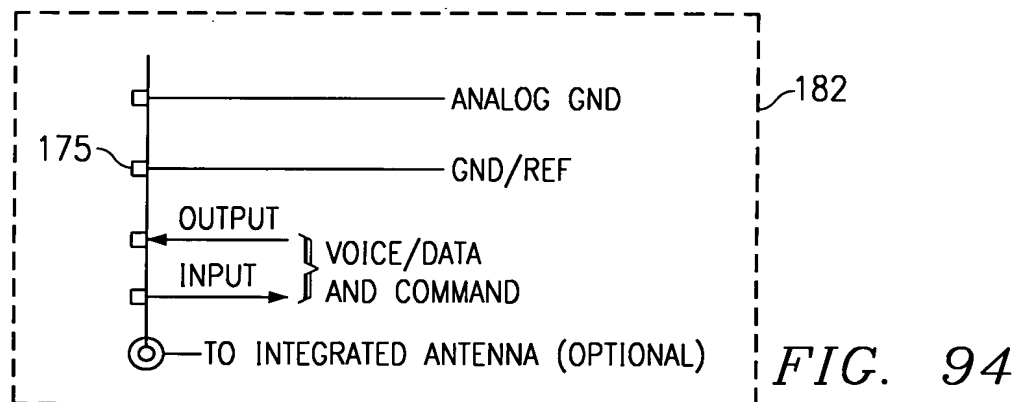
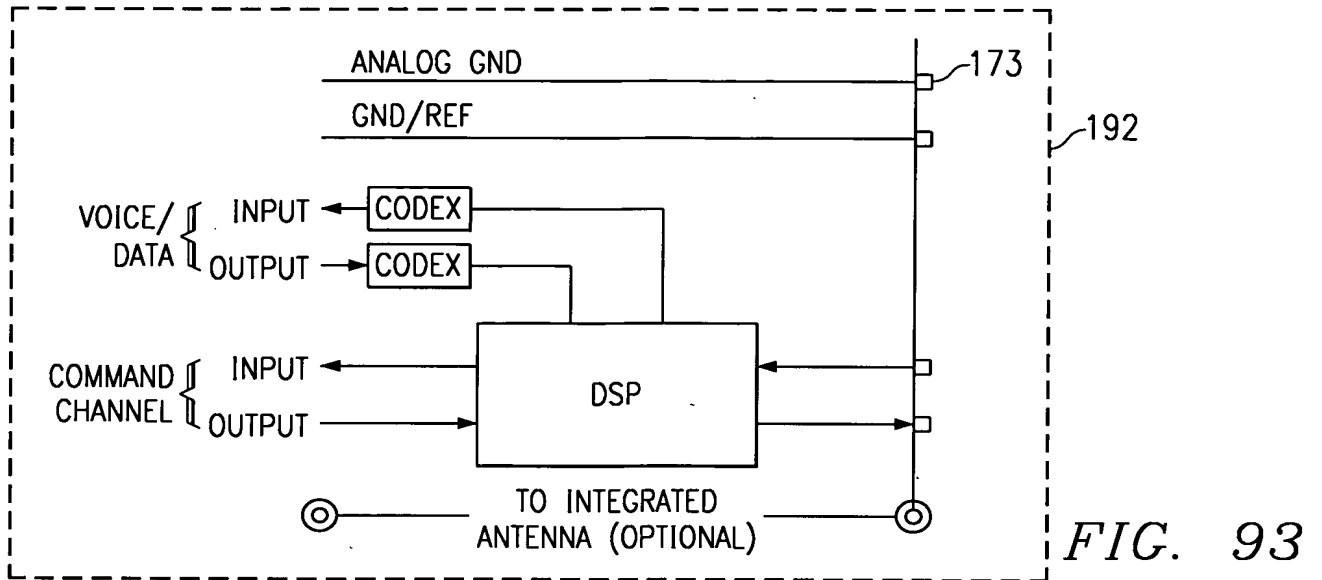


FIG. 92



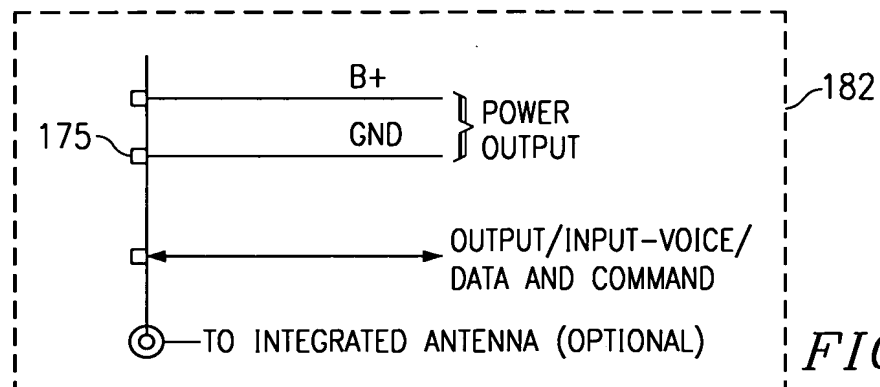


FIG. 96

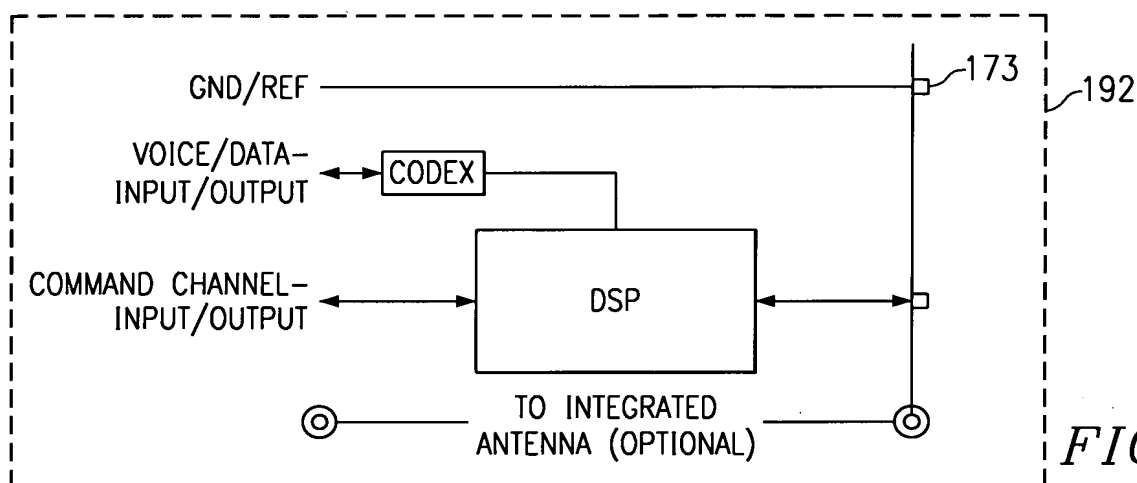


FIG. 97

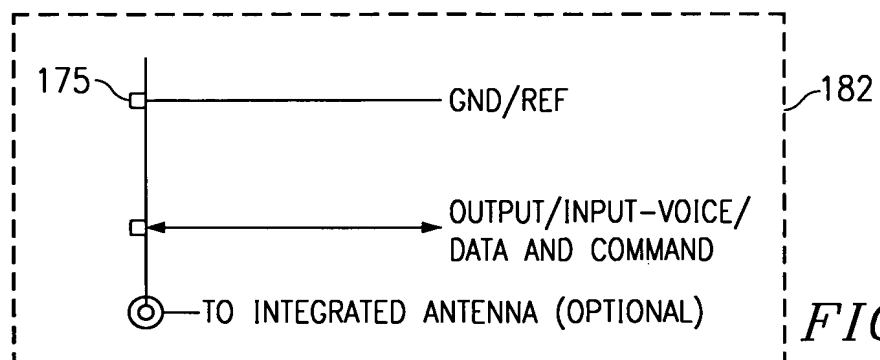
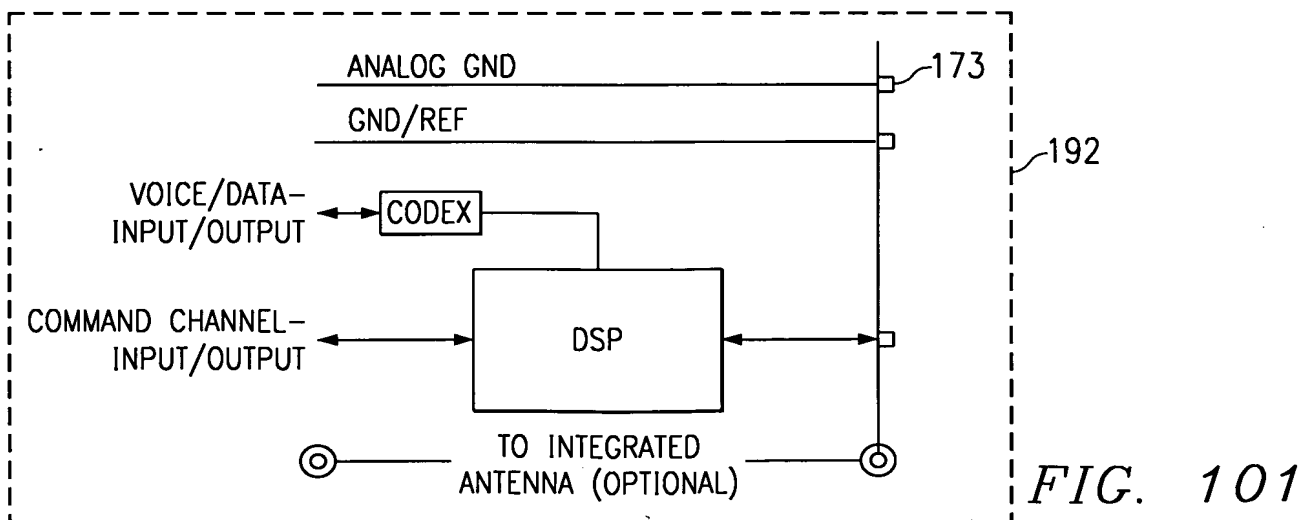
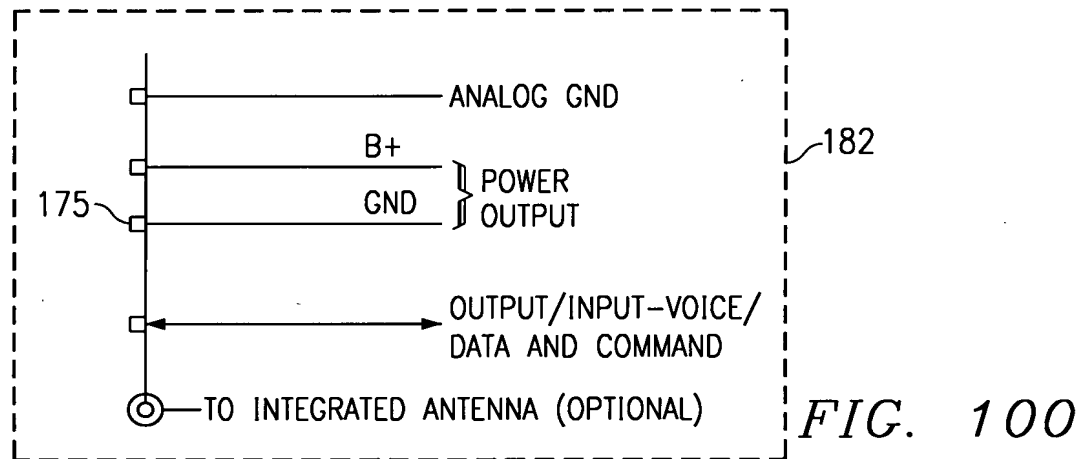
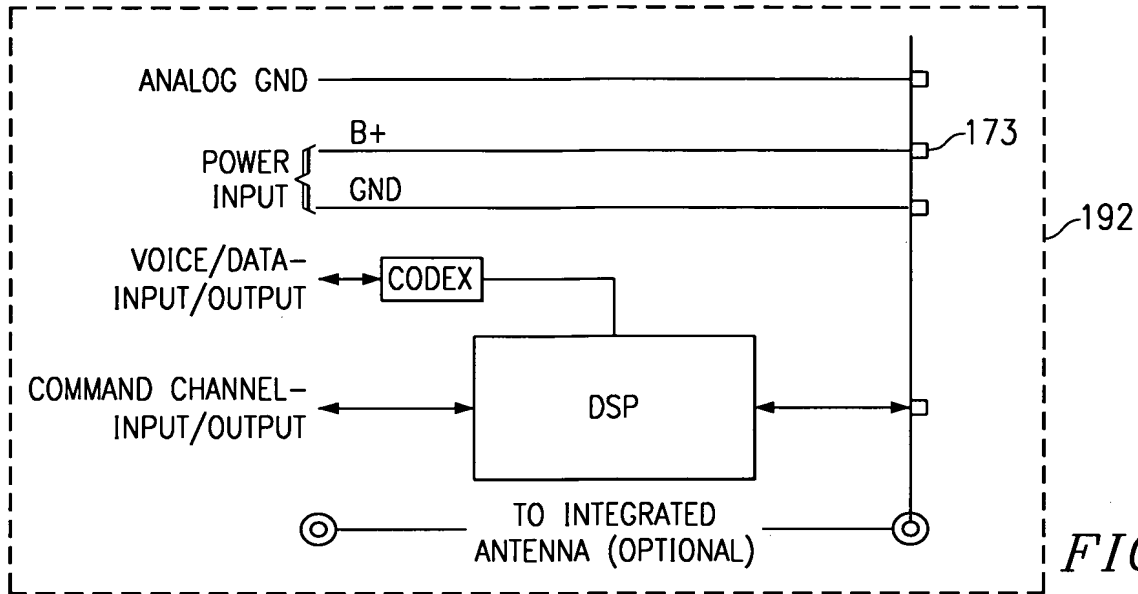


FIG. 98



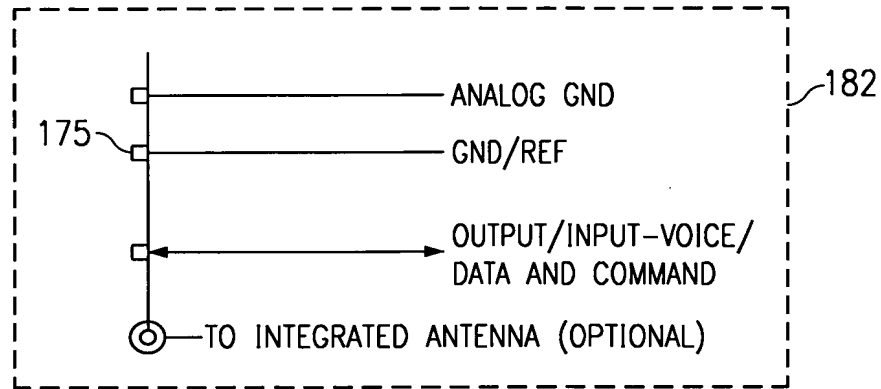


FIG. 102

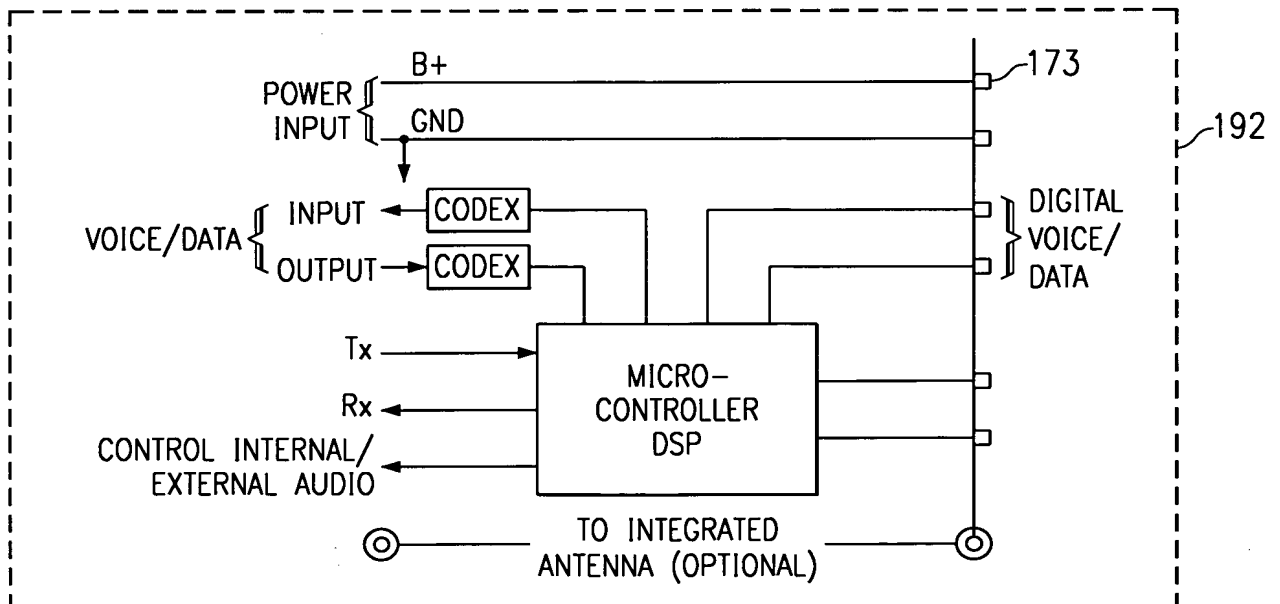


FIG. 103

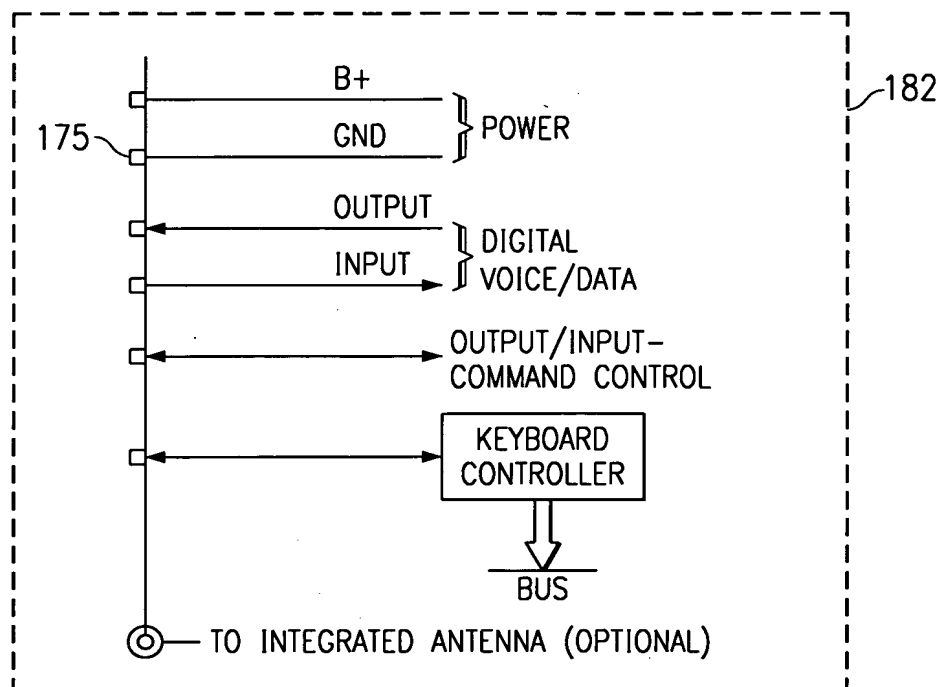


FIG. 104

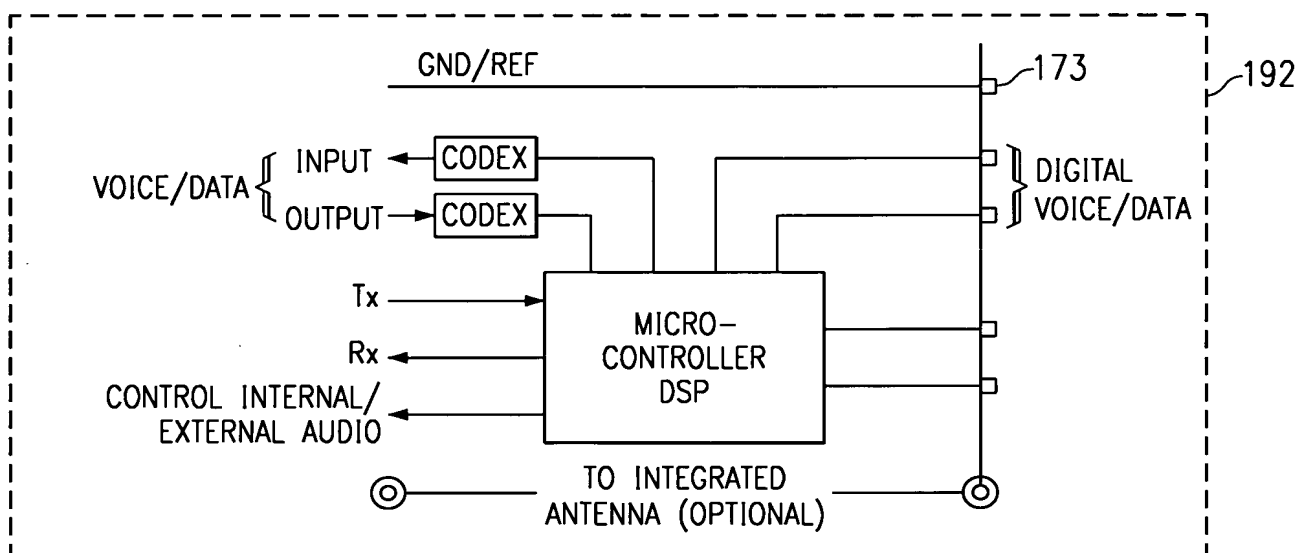


FIG. 105

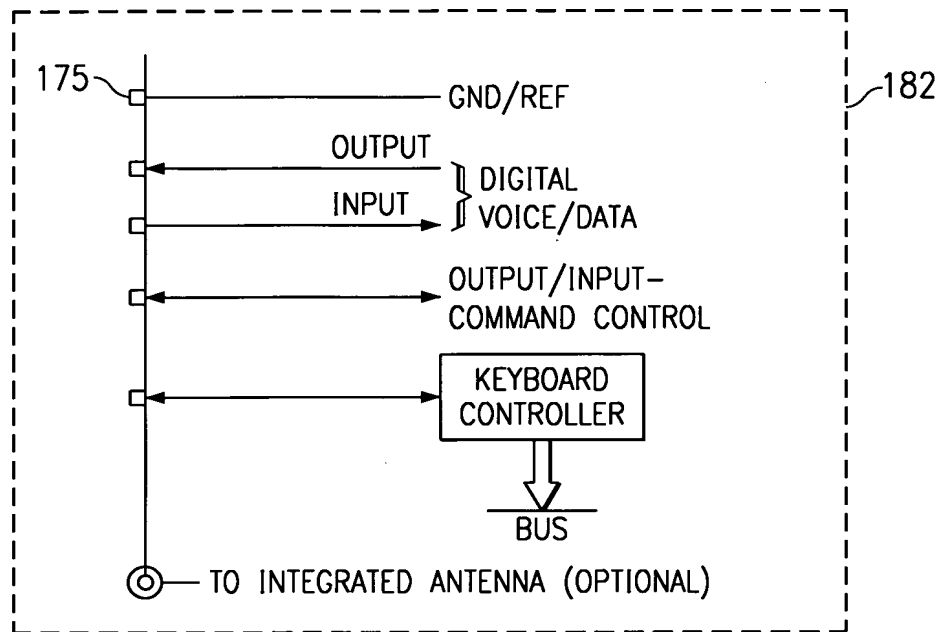


FIG. 106

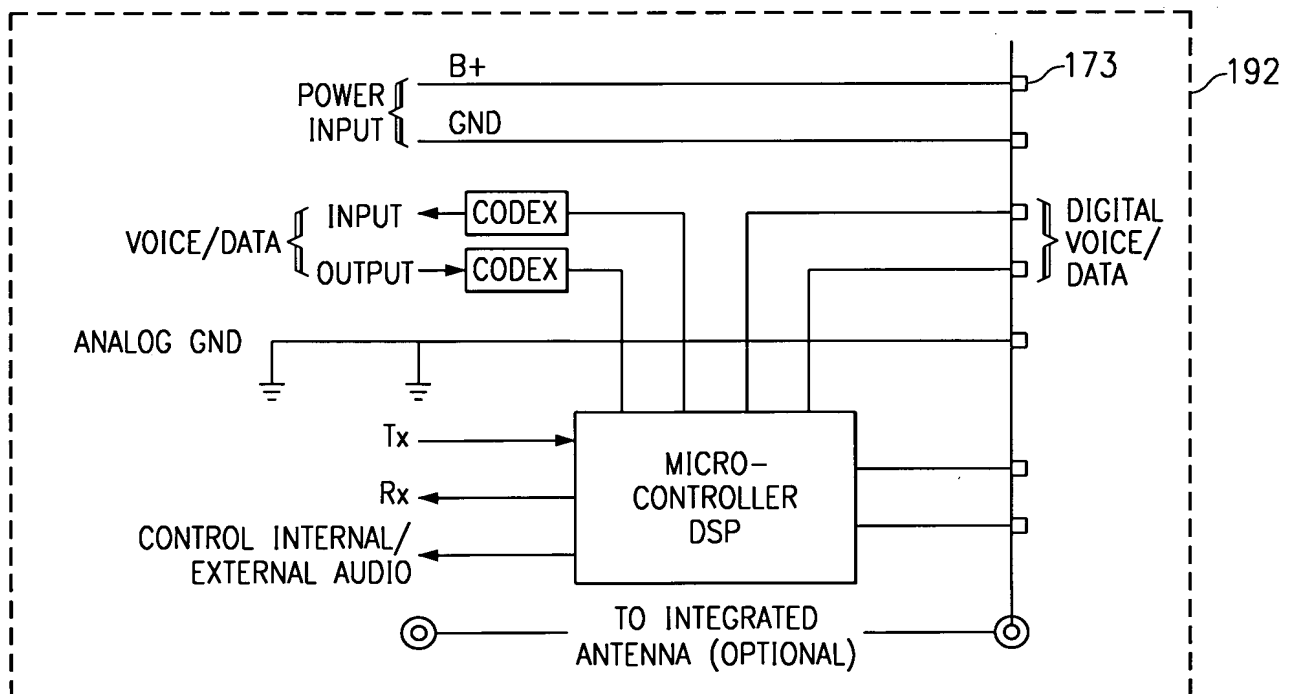


FIG. 107

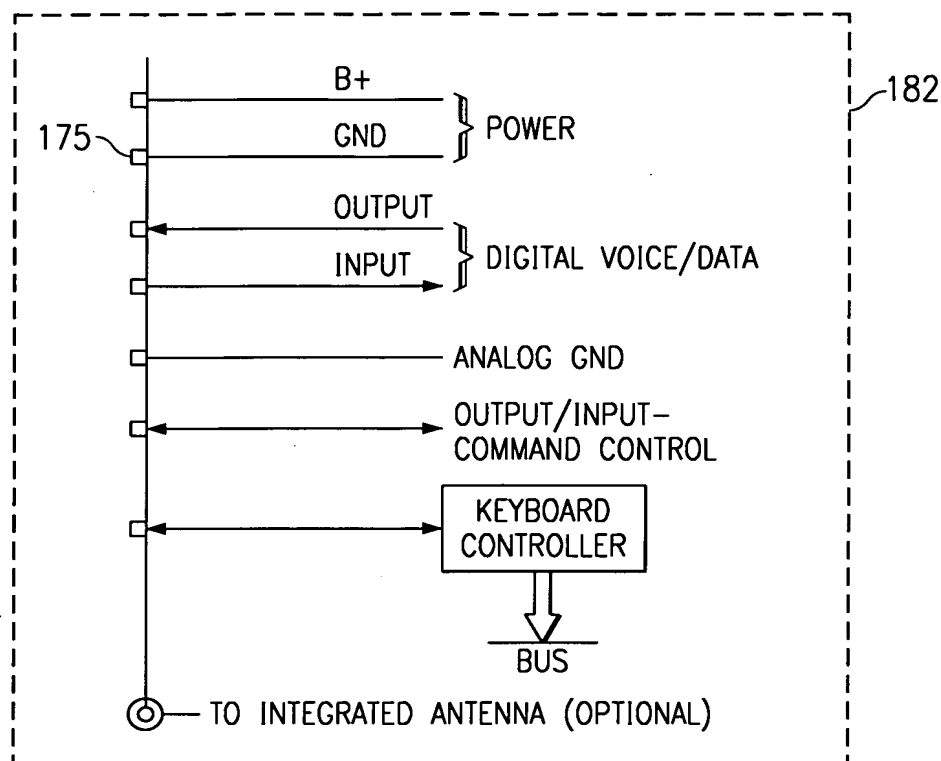


FIG. 108

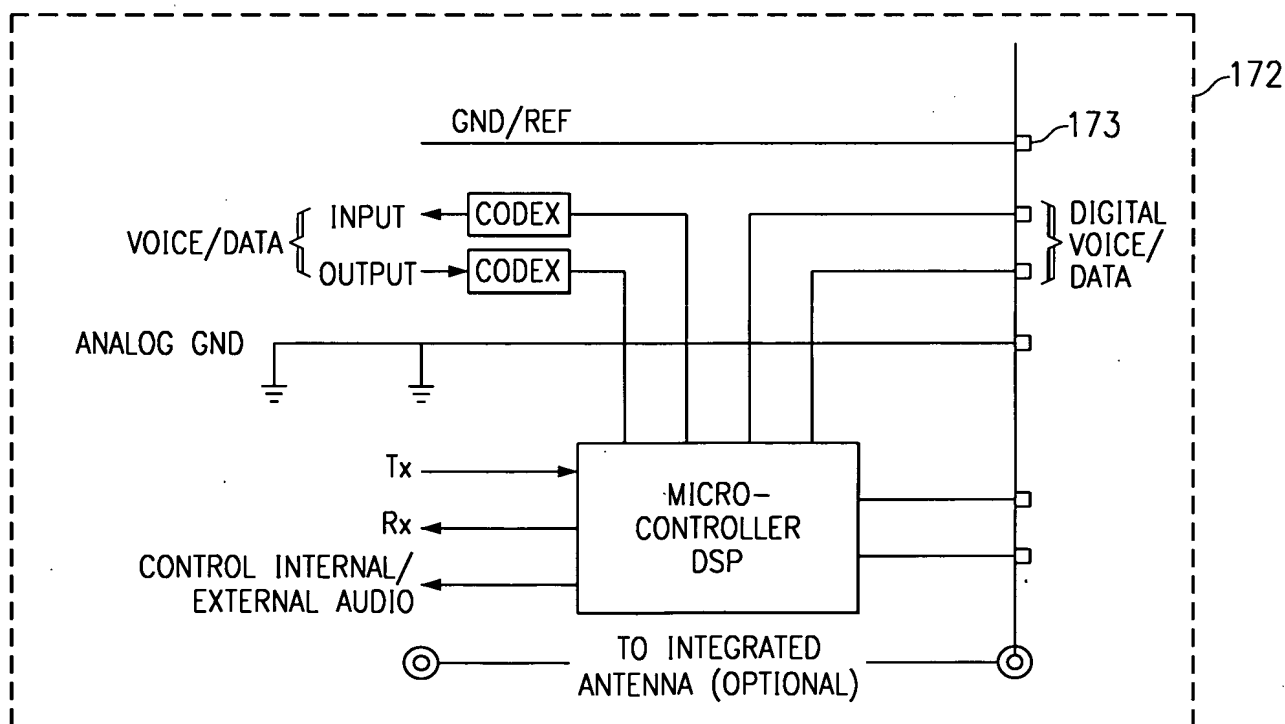


FIG. 109

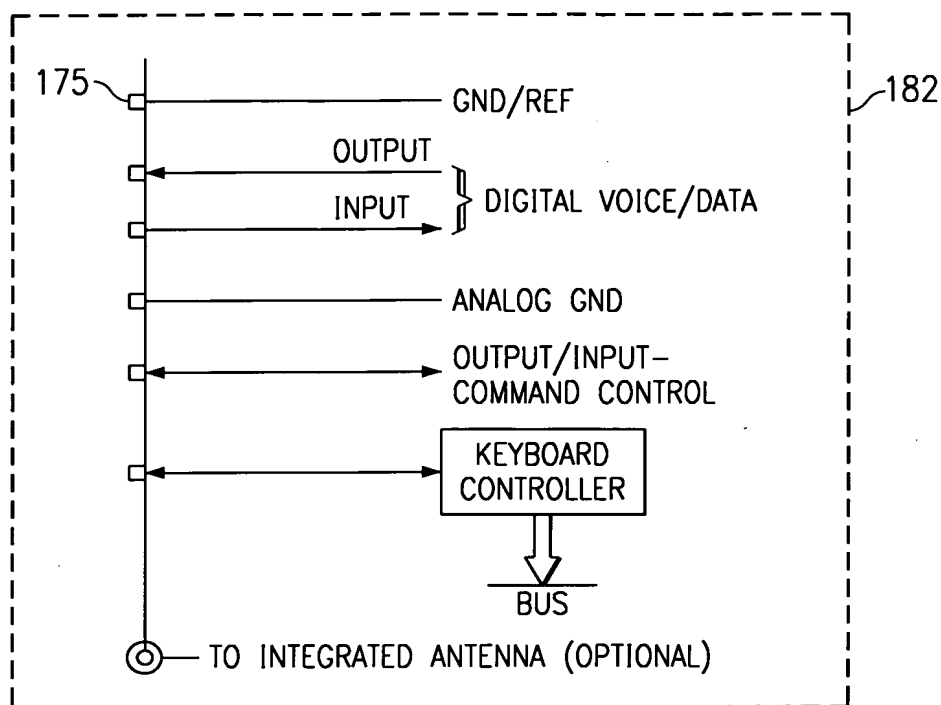


FIG. 110

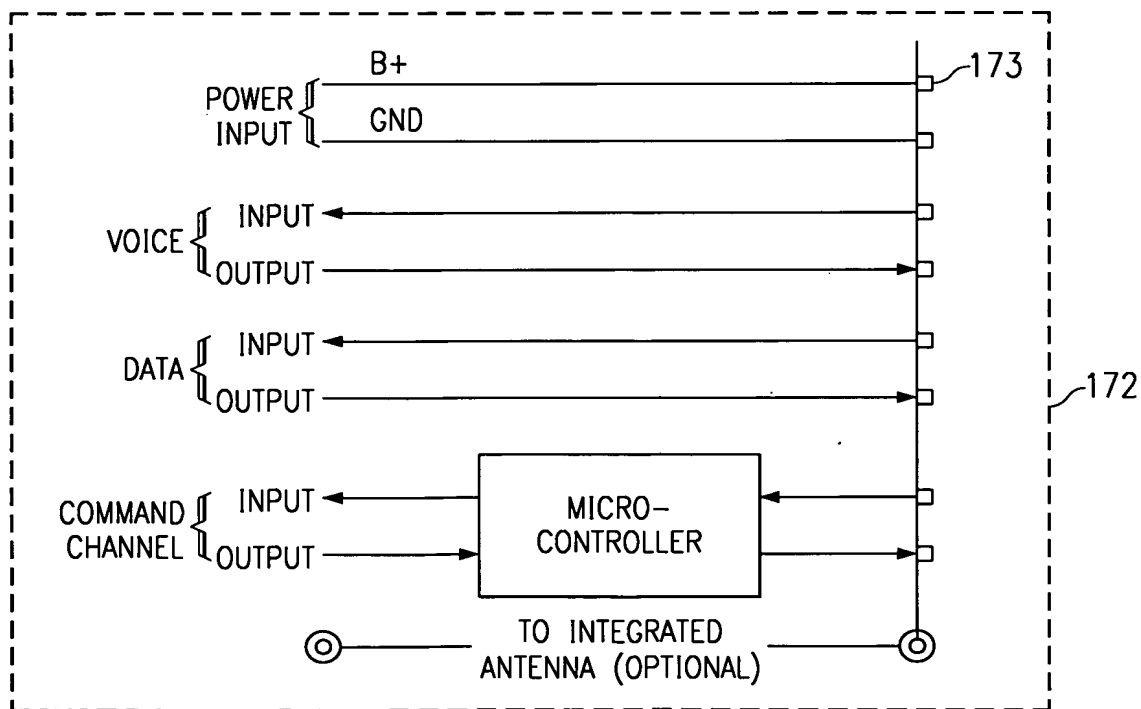


FIG. 111

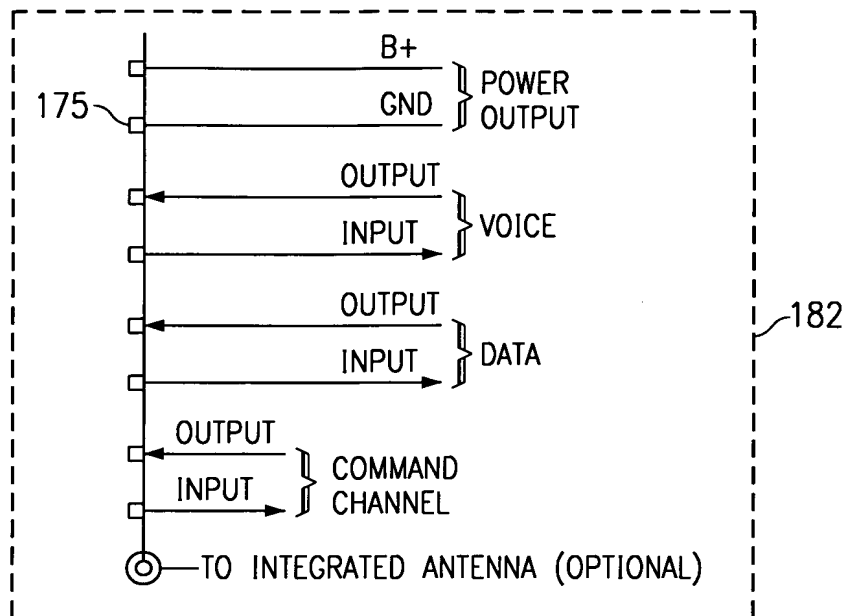


FIG. 112

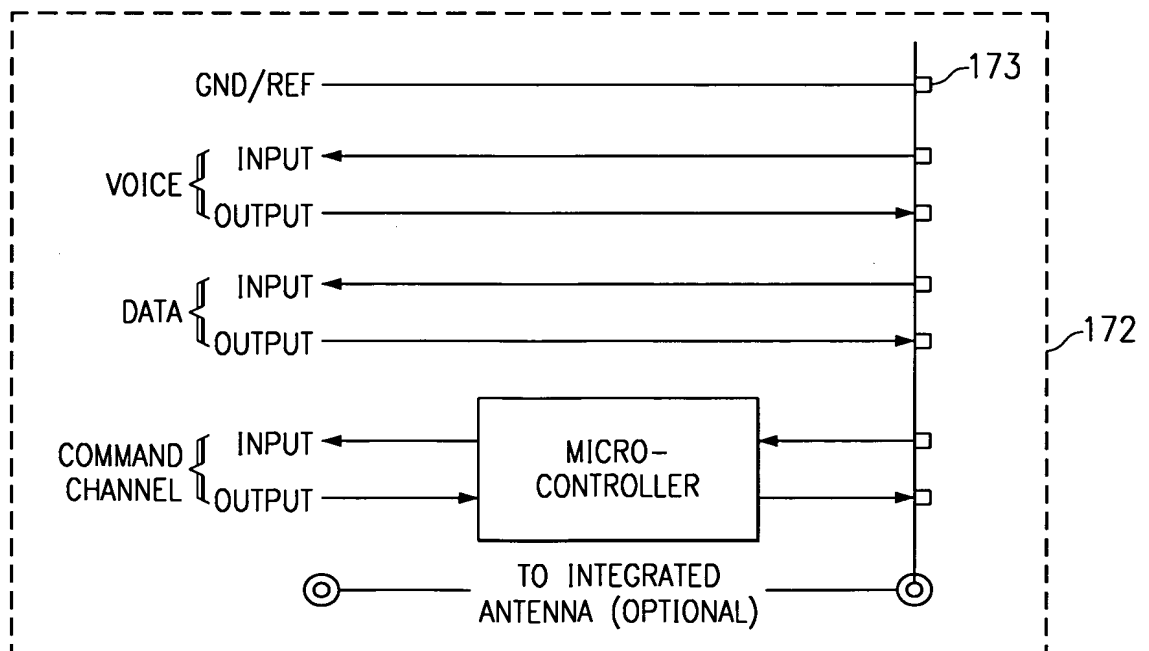


FIG. 113

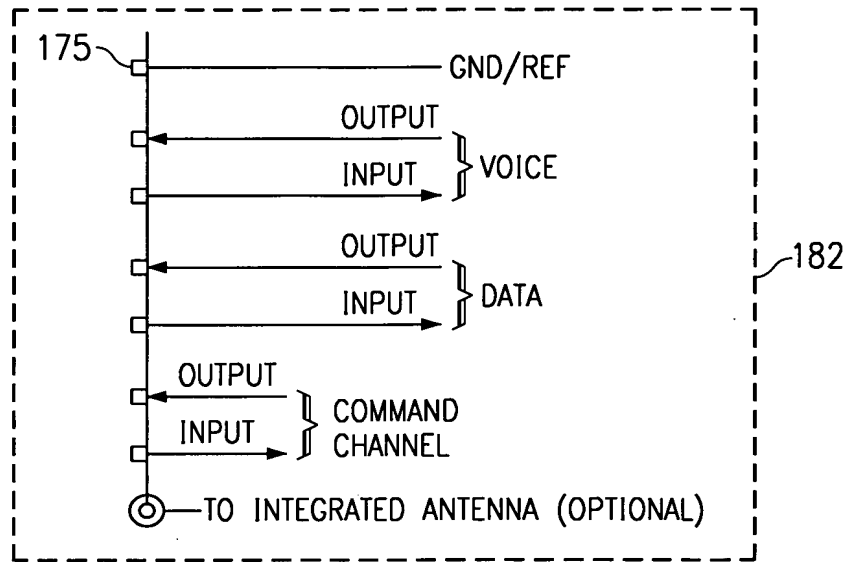


FIG. 114

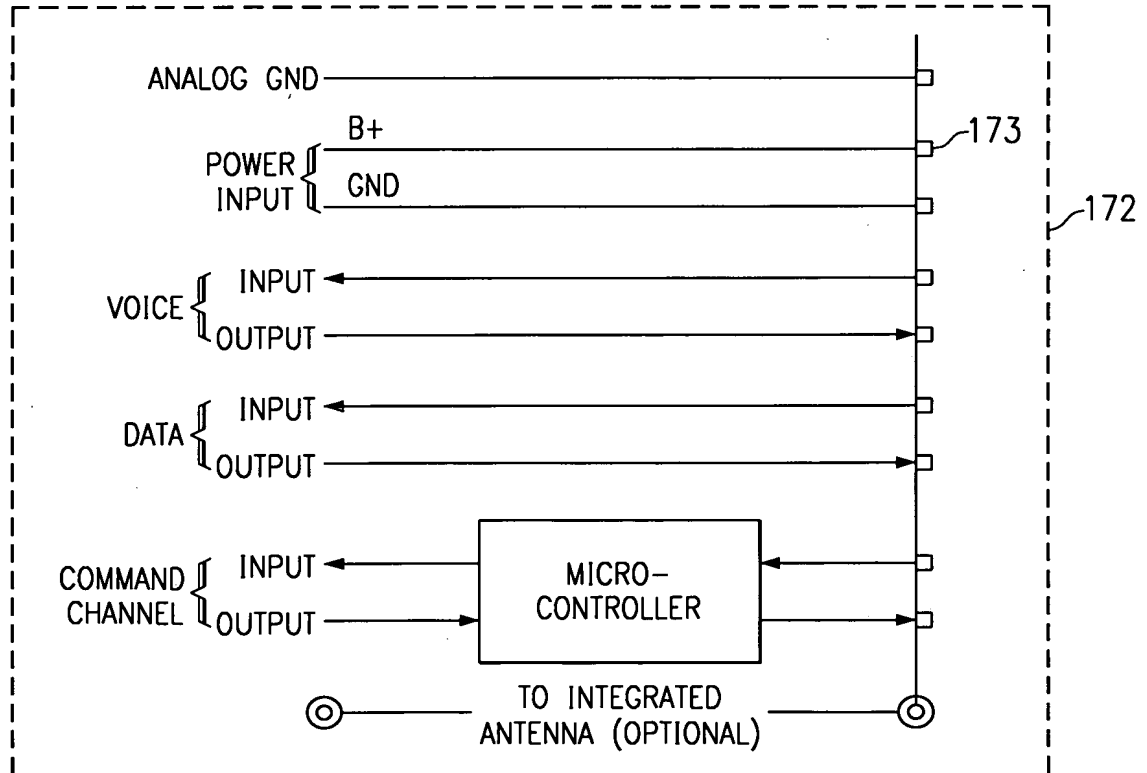


FIG. 115

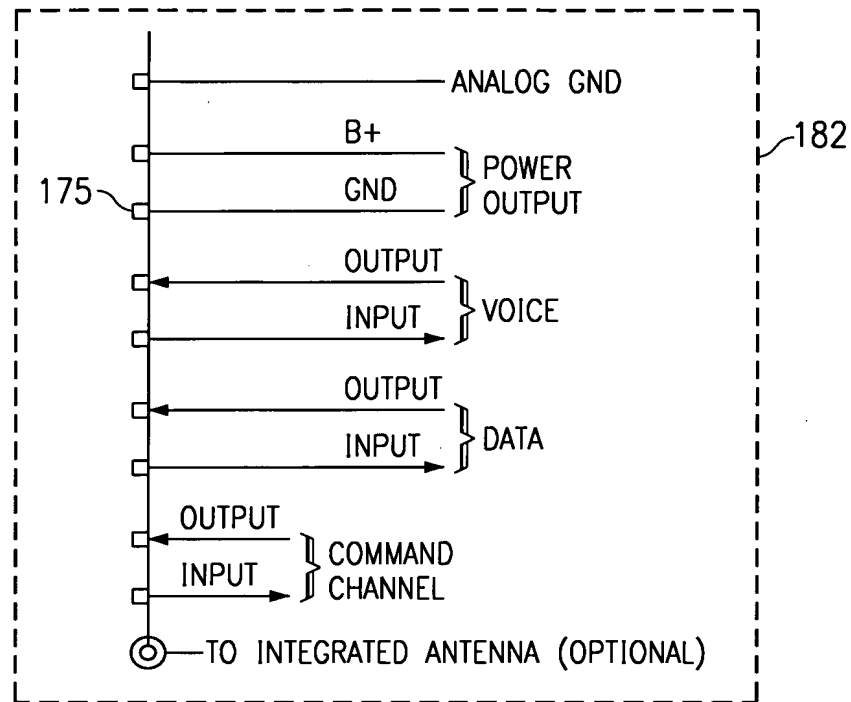


FIG. 116

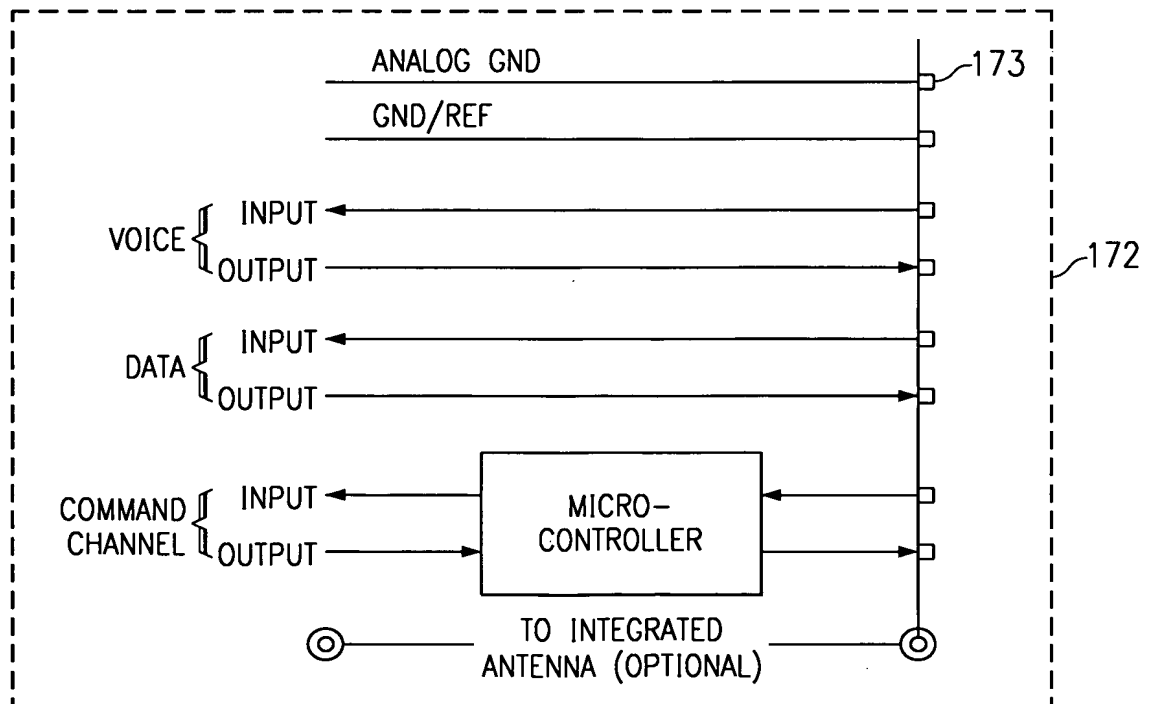


FIG. 117

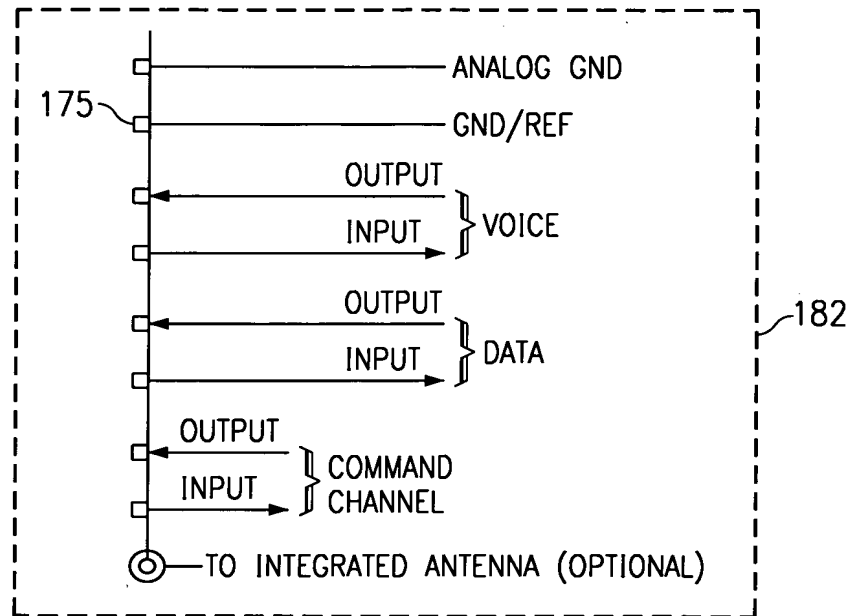


FIG. 118

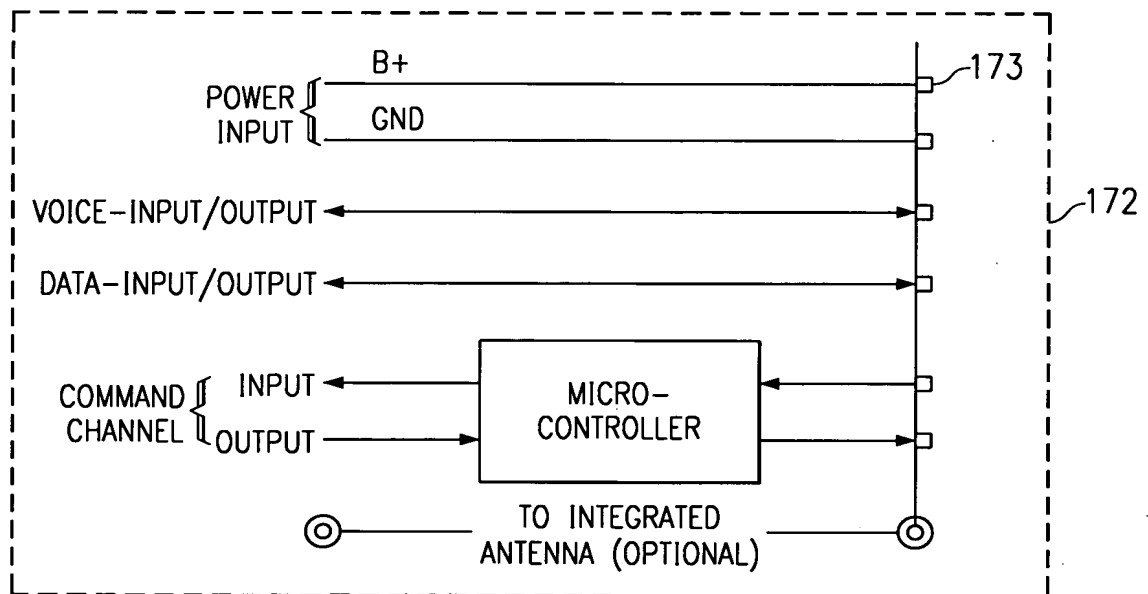


FIG. 119

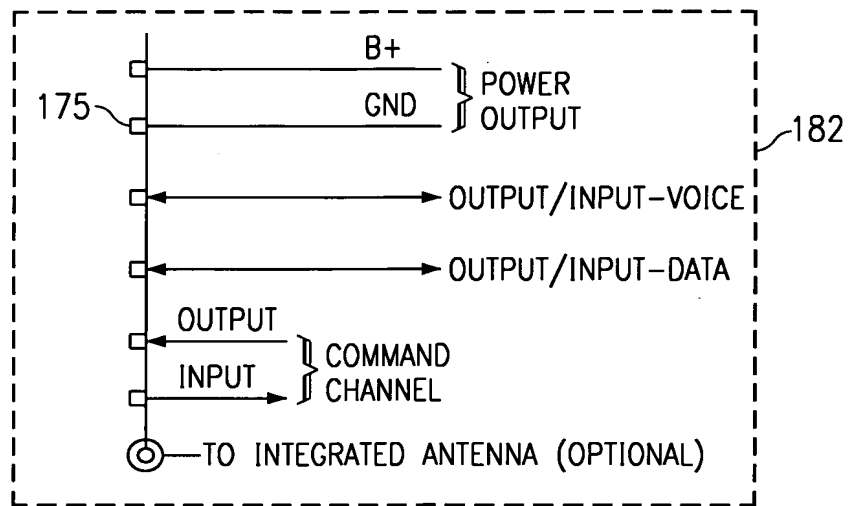


FIG. 120

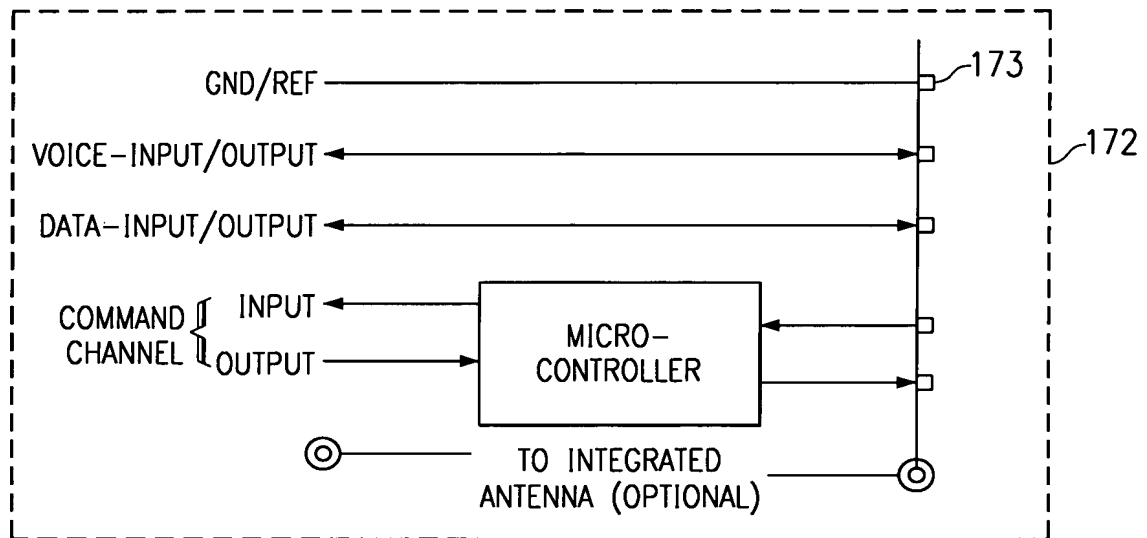


FIG. 121

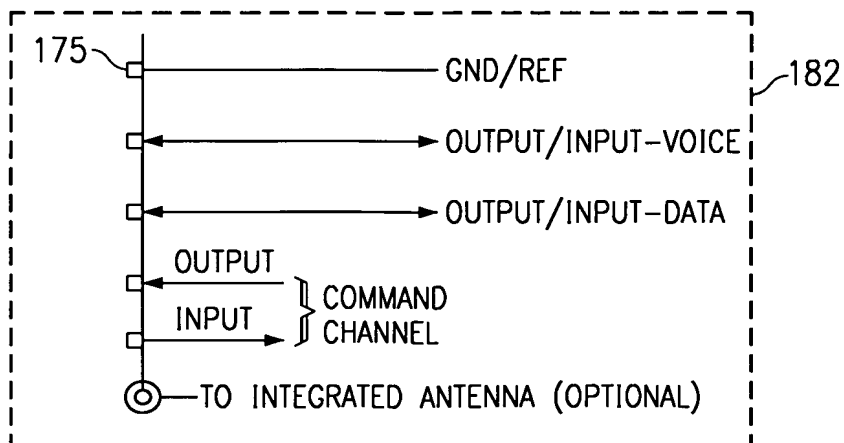


FIG. 122

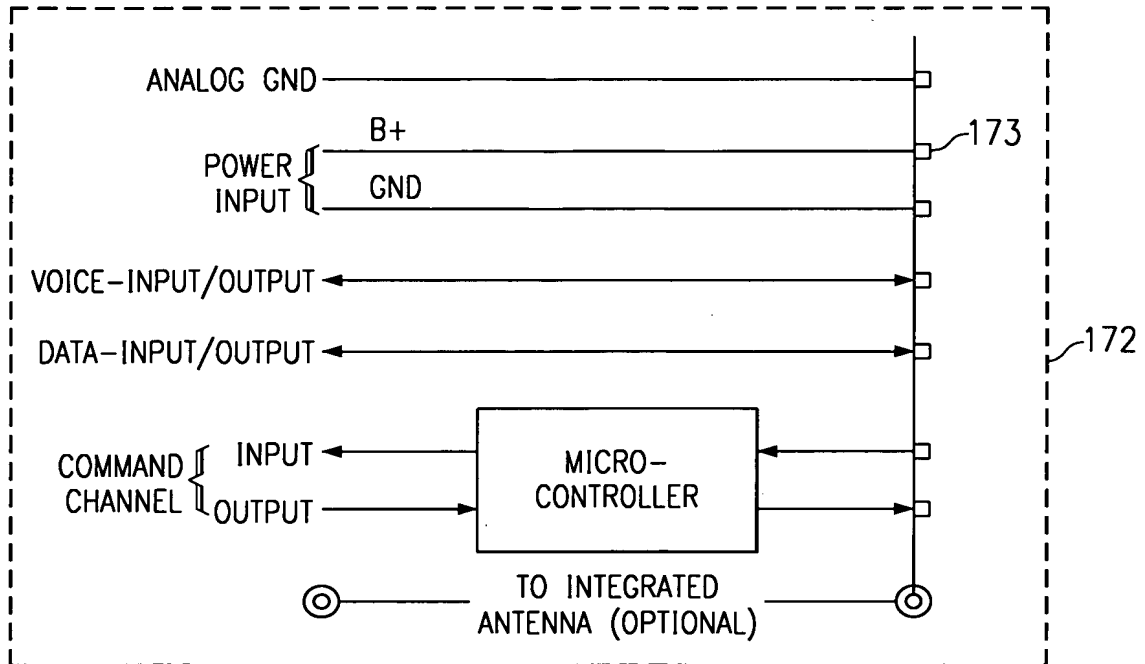


FIG. 123

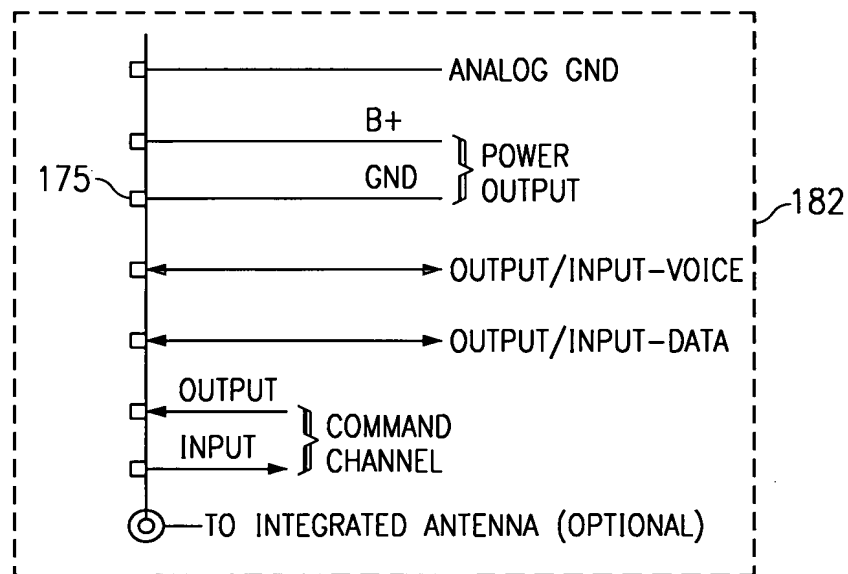


FIG. 124

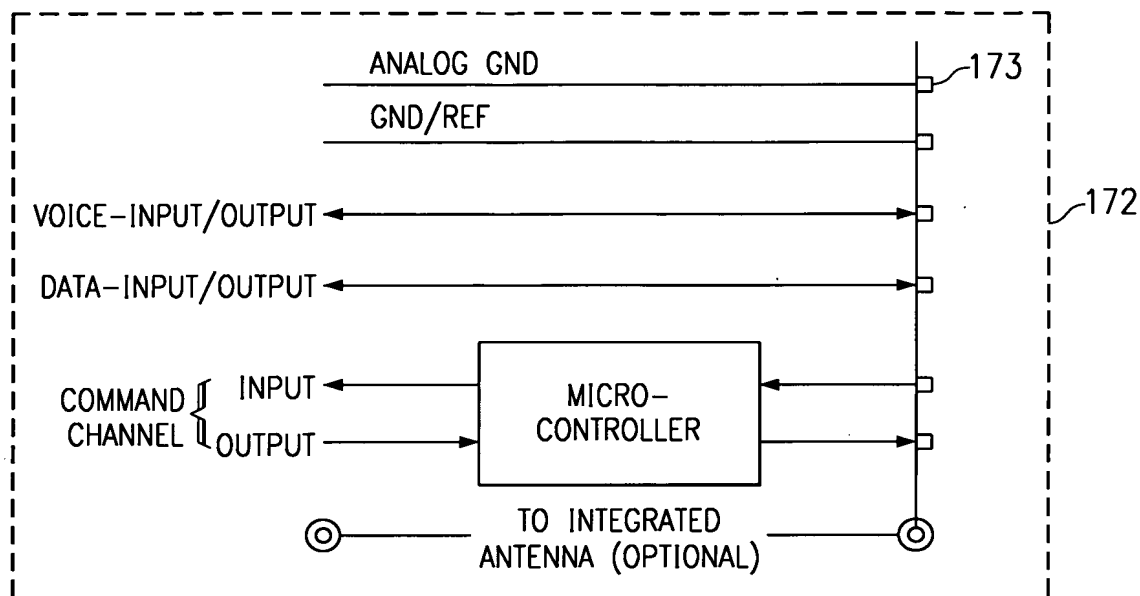


FIG. 125

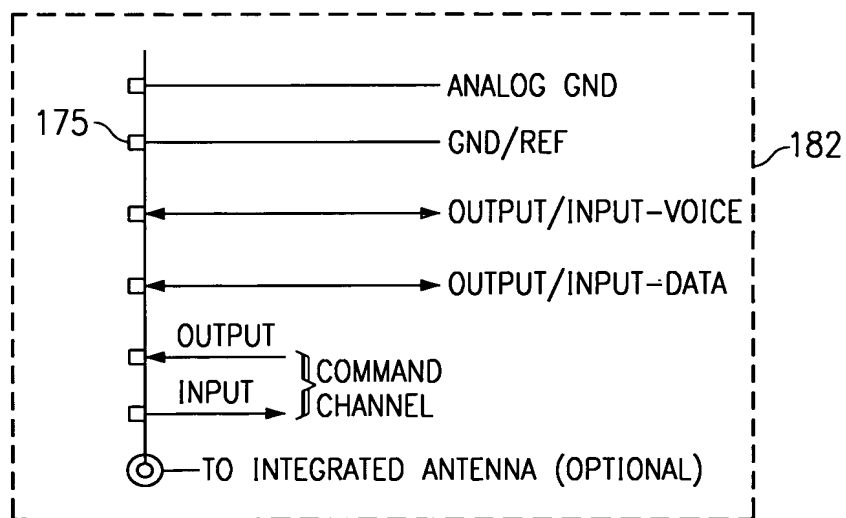


FIG. 126

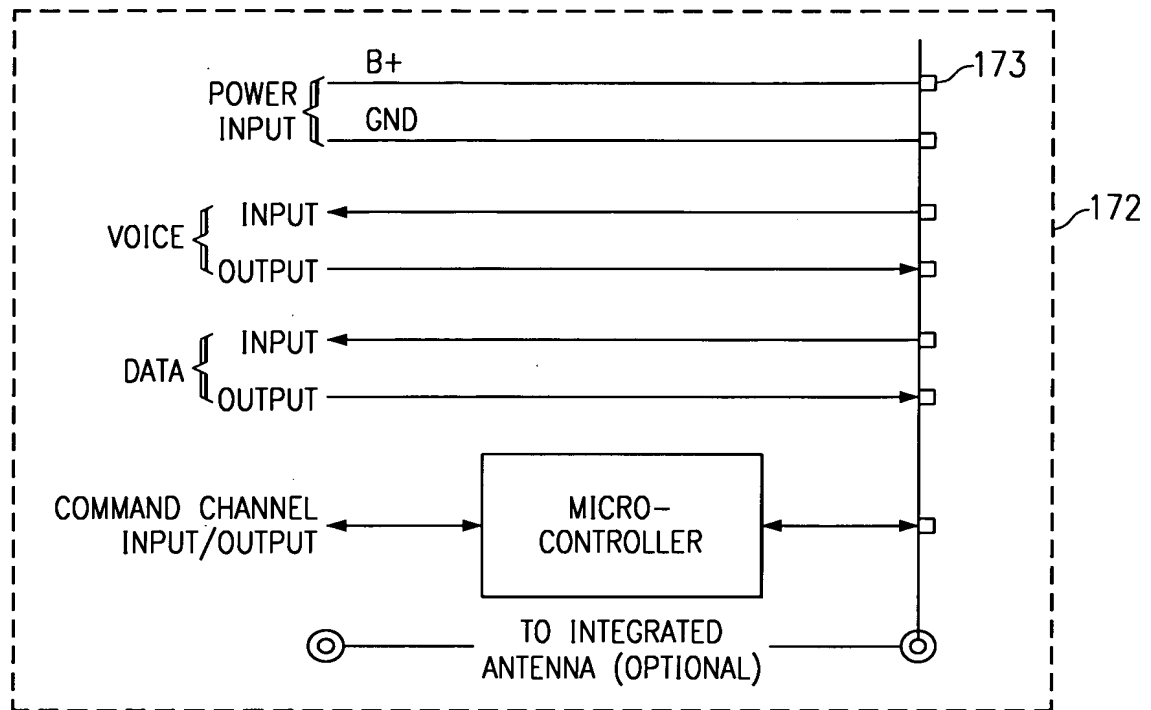


FIG. 127

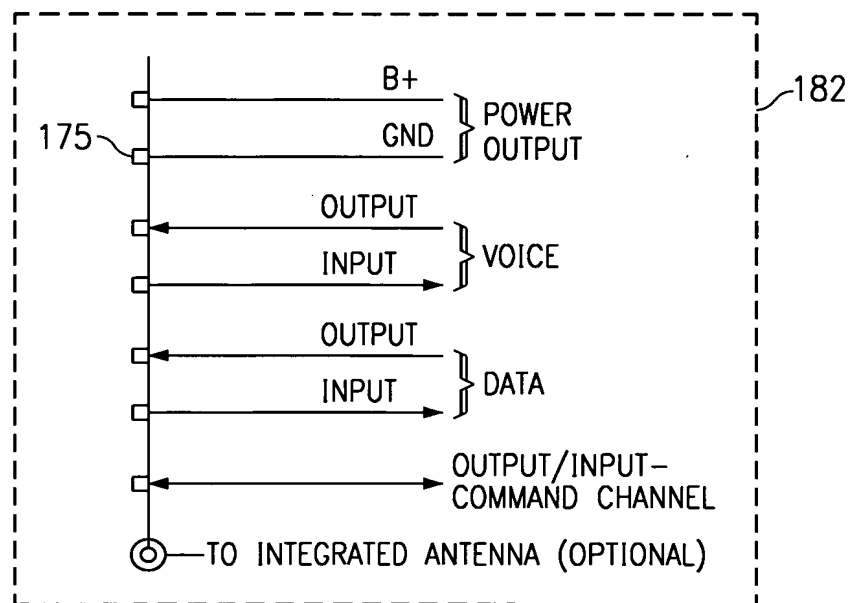


FIG. 128

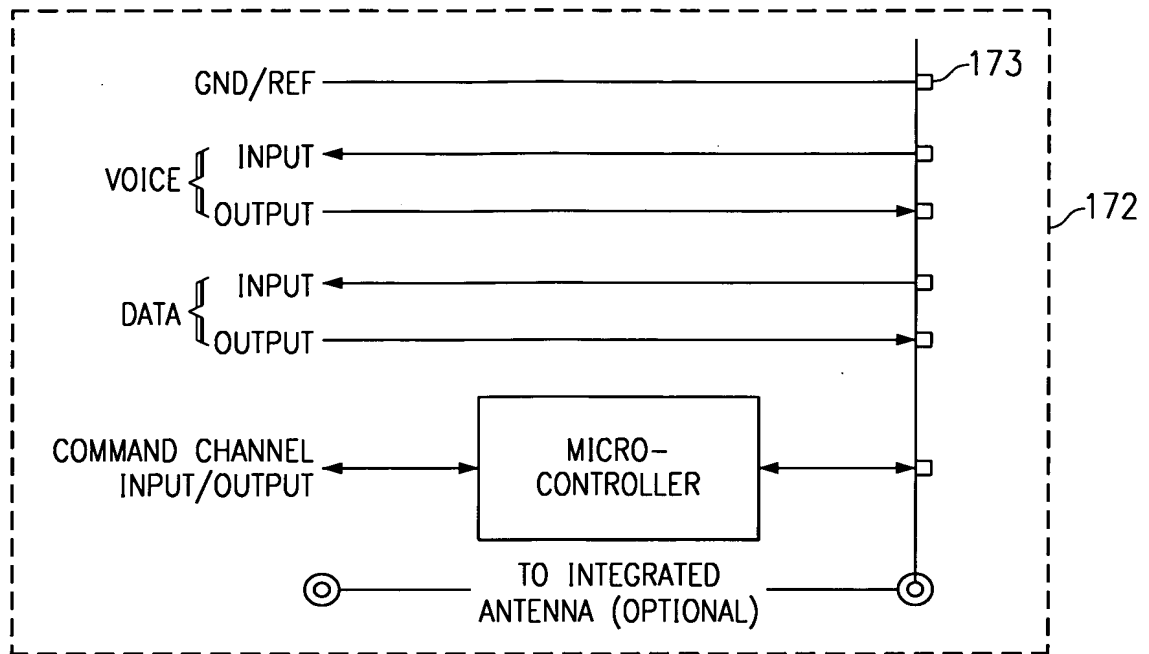


FIG. 129

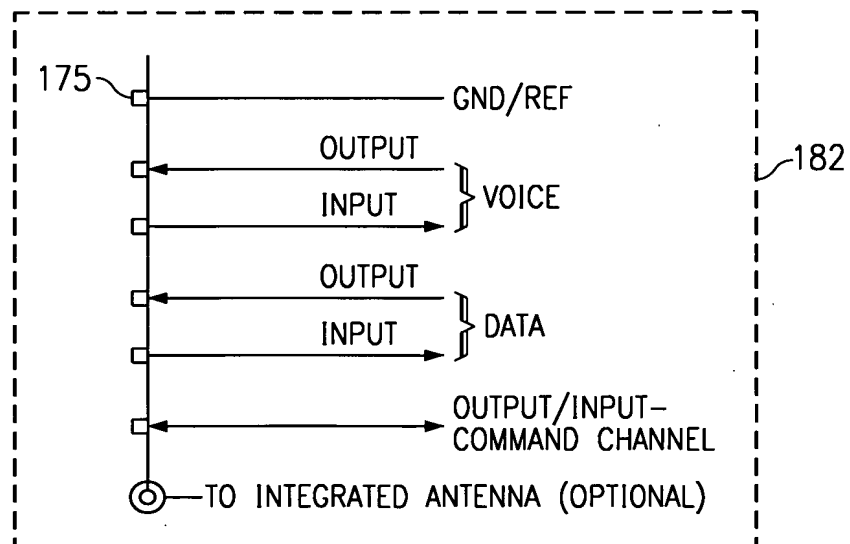


FIG. 130

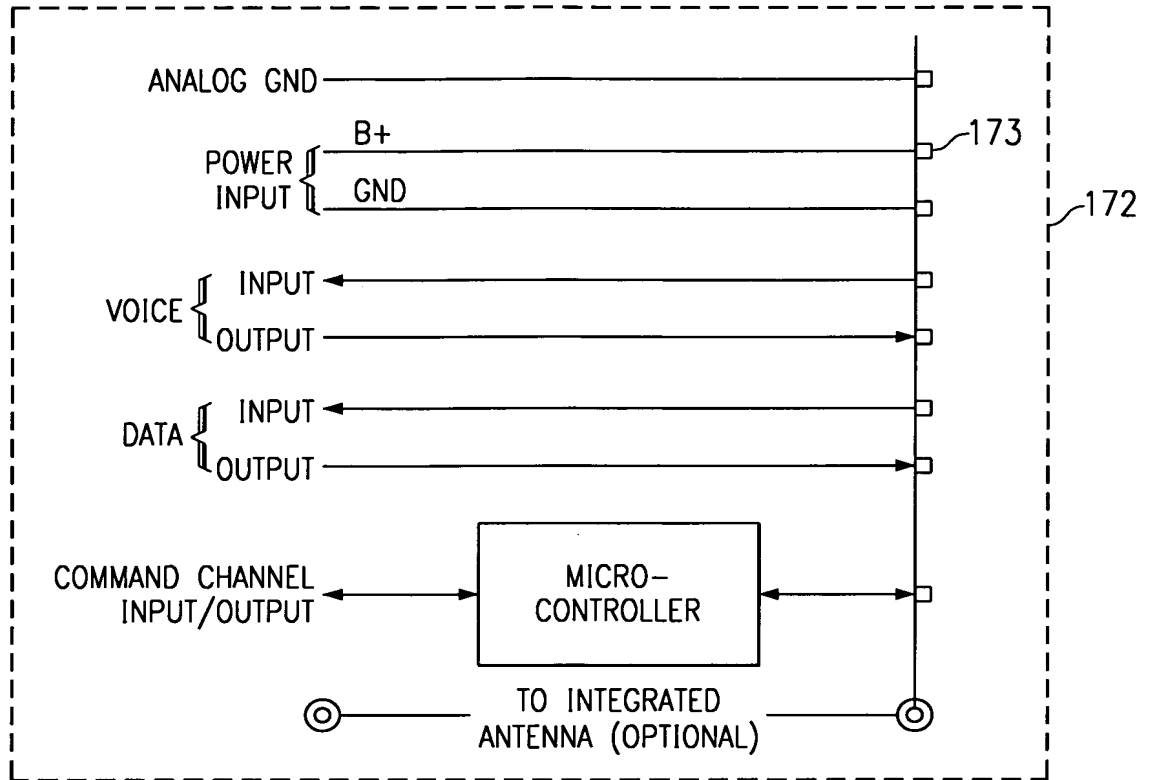


FIG. 131

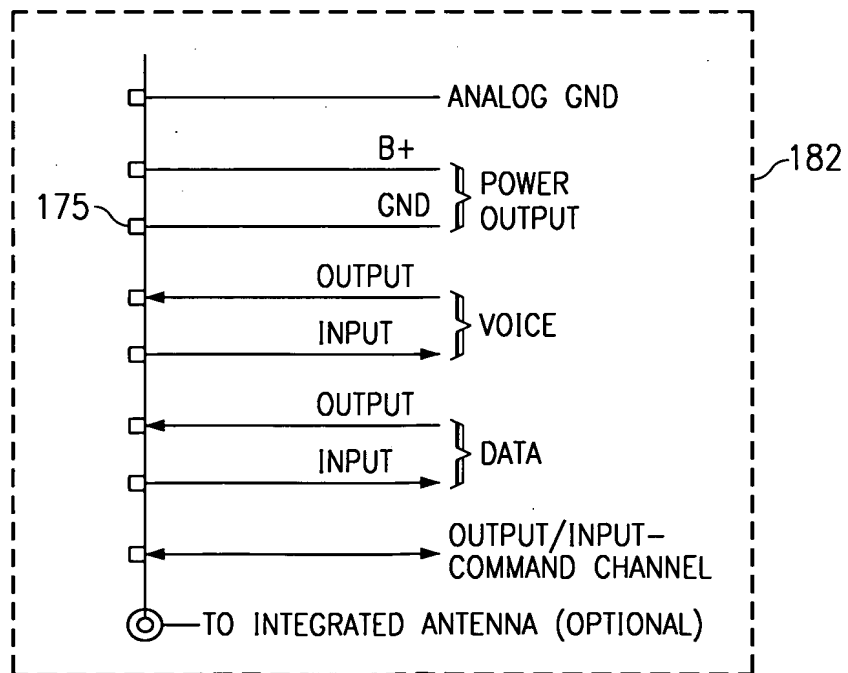


FIG. 132

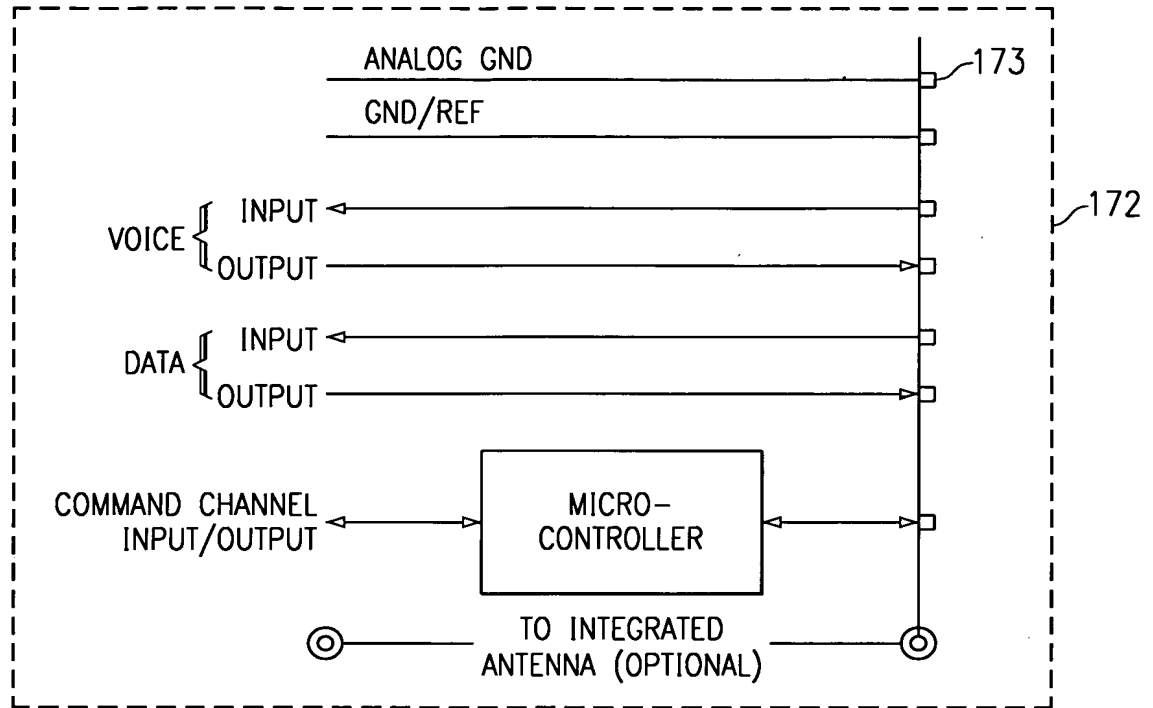


FIG. 133

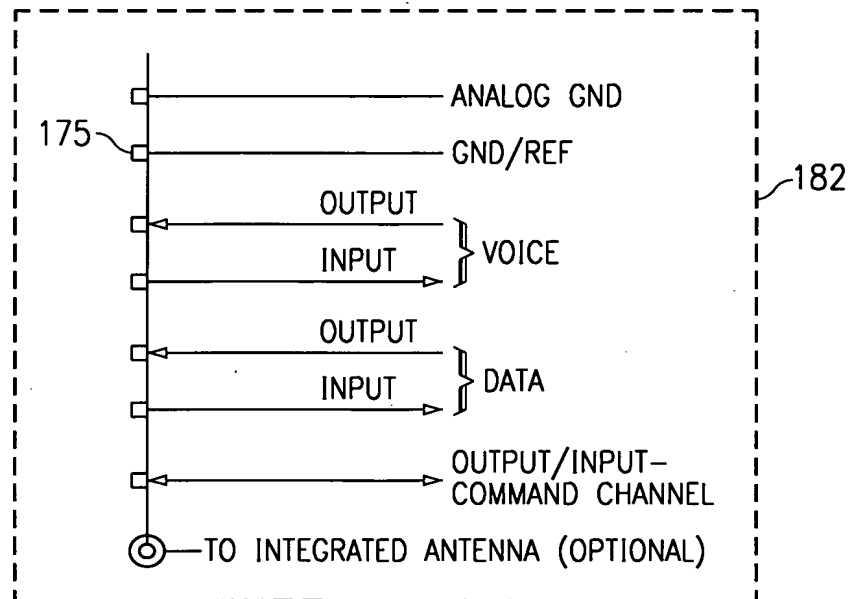


FIG. 134

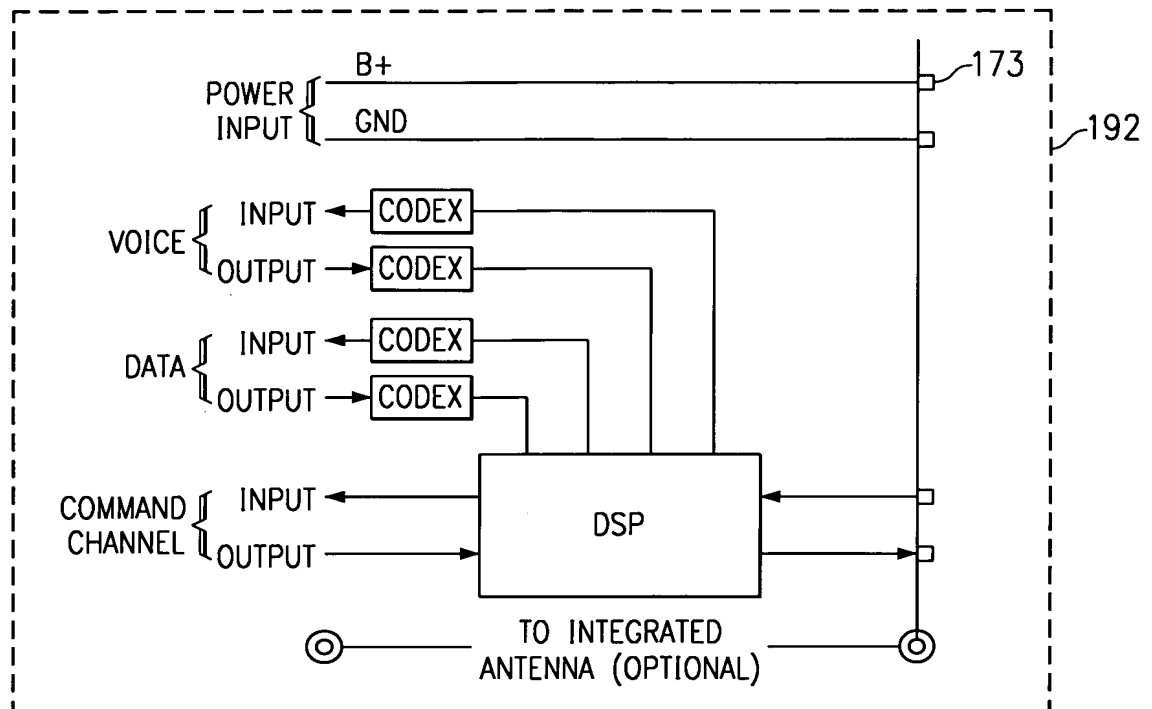


FIG. 135

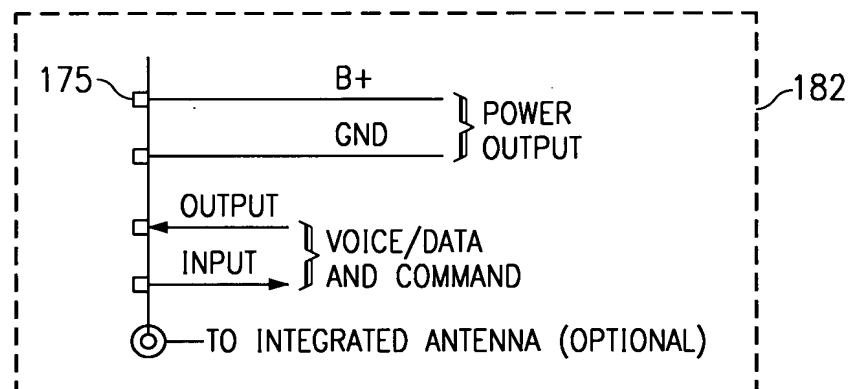


FIG. 136

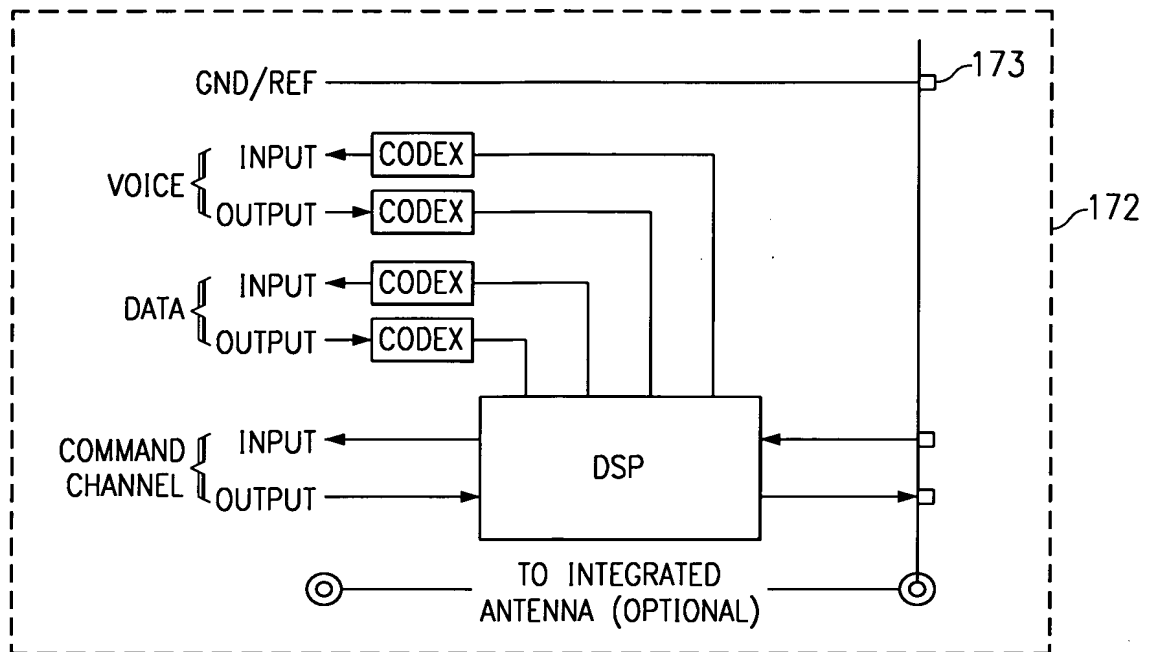


FIG. 137

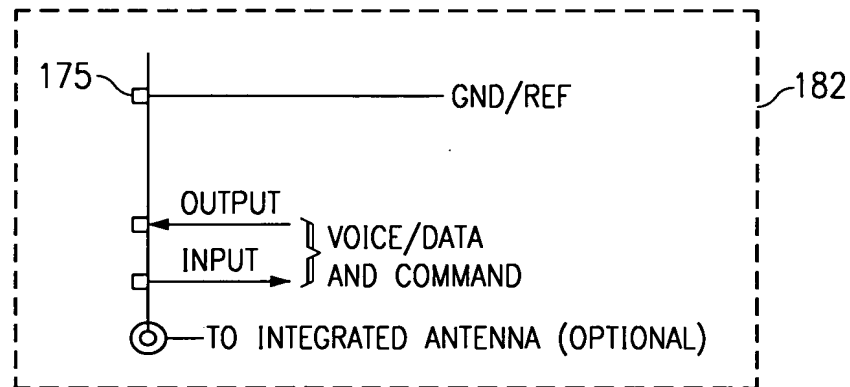


FIG. 138

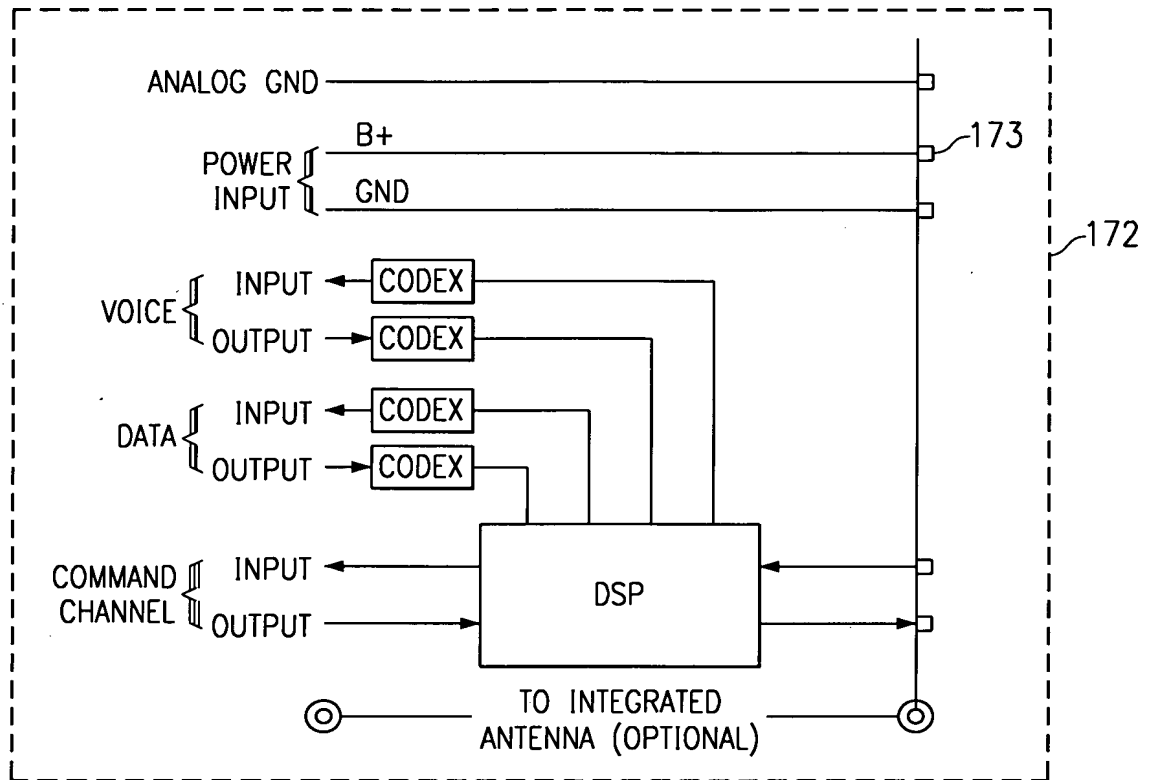


FIG. 139

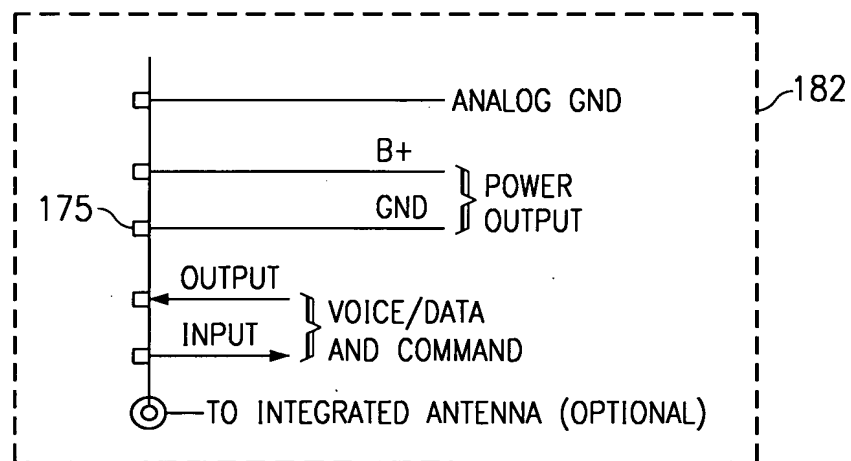


FIG. 140

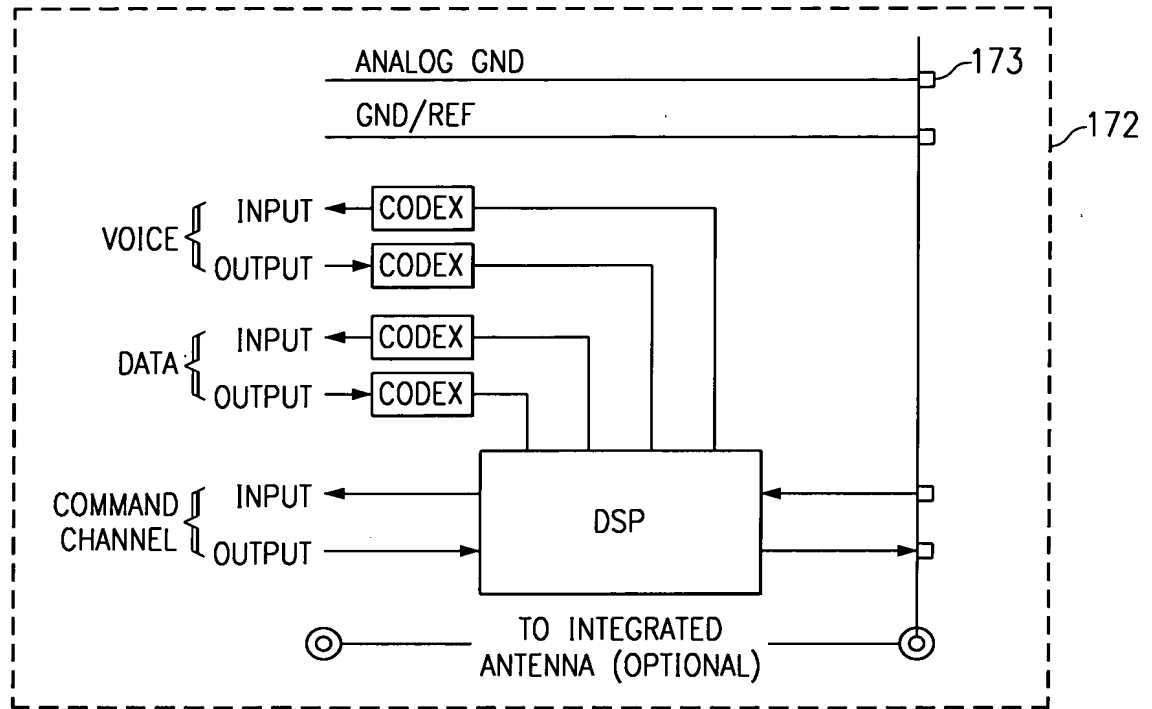


FIG. 141

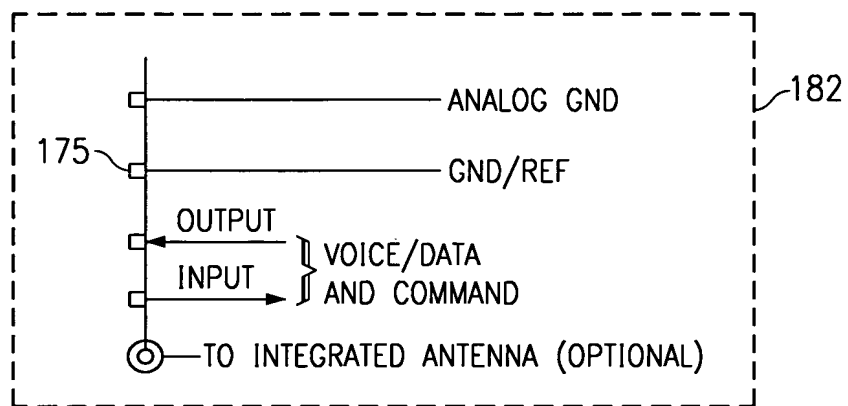


FIG. 142

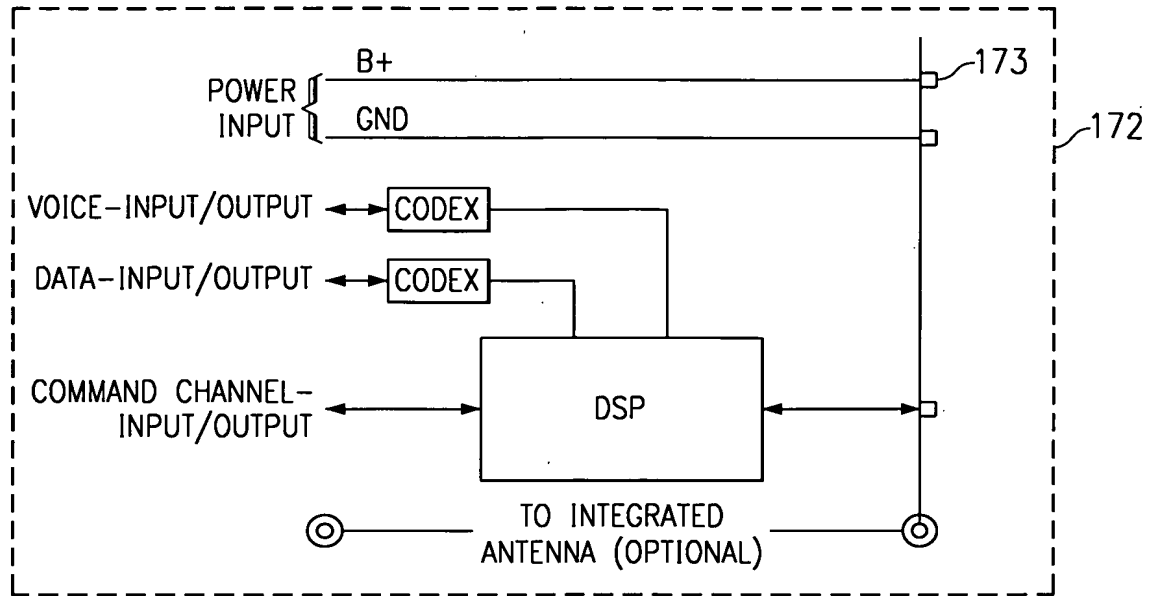


FIG. 143

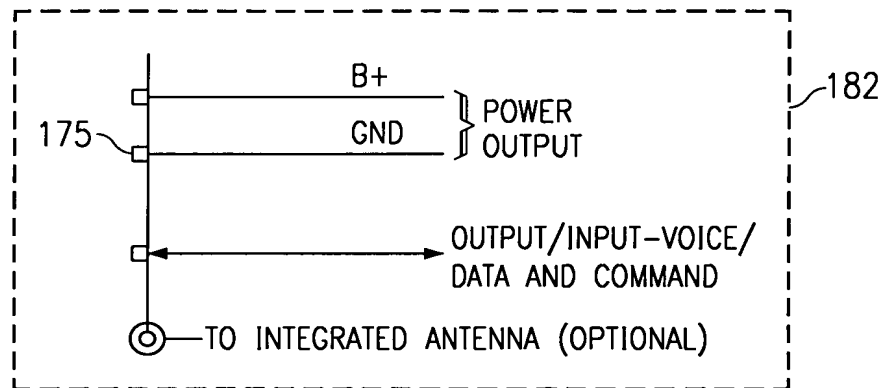


FIG. 144

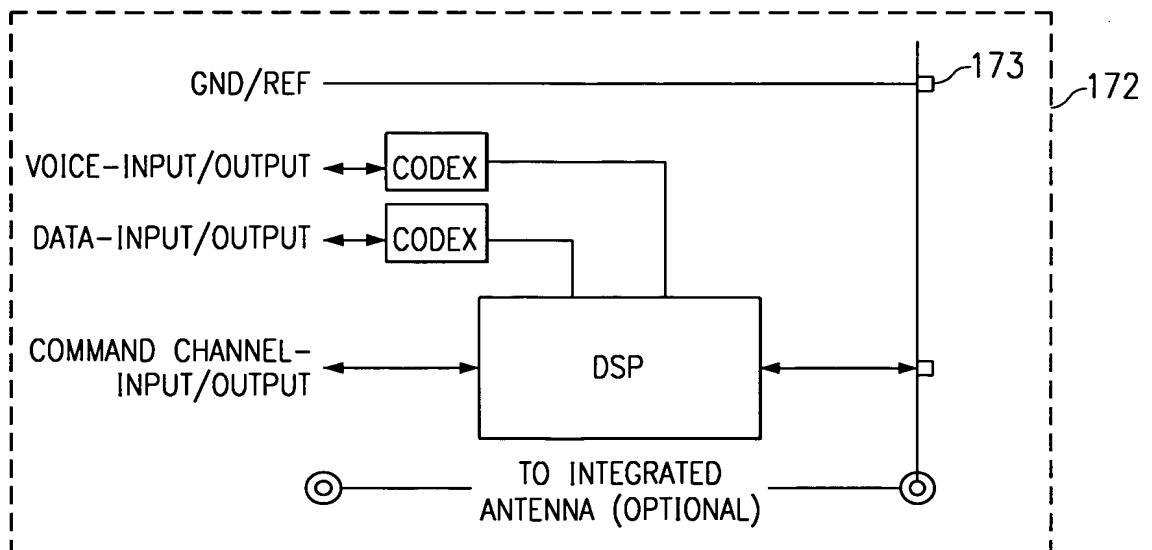


FIG. 145

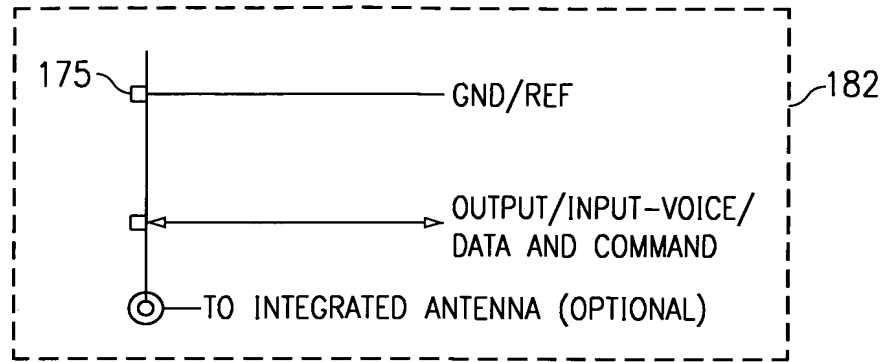


FIG. 146

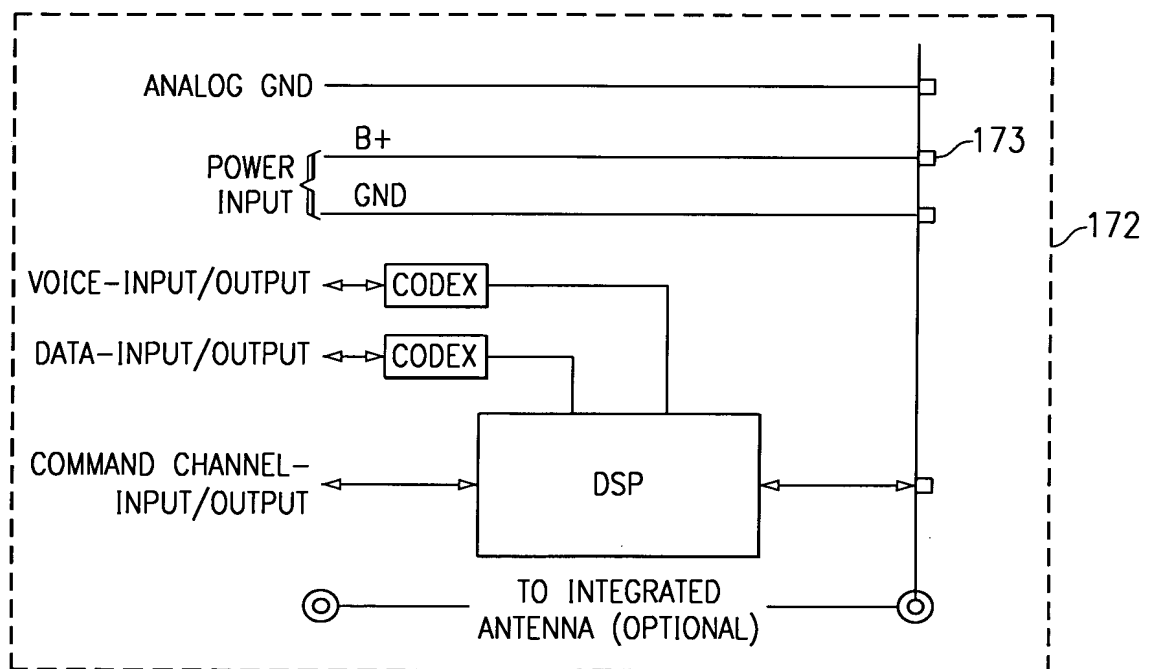


FIG. 147

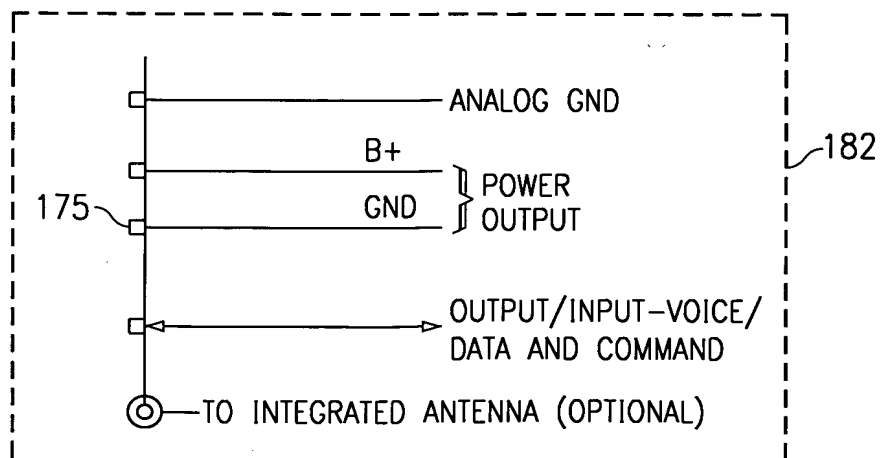


FIG. 148

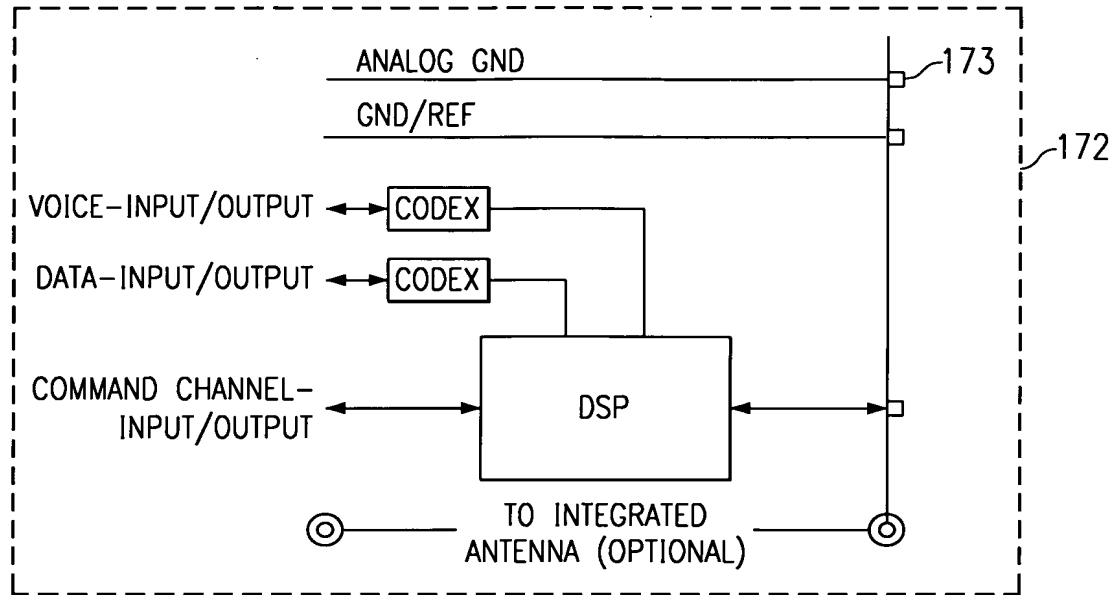


FIG. 149

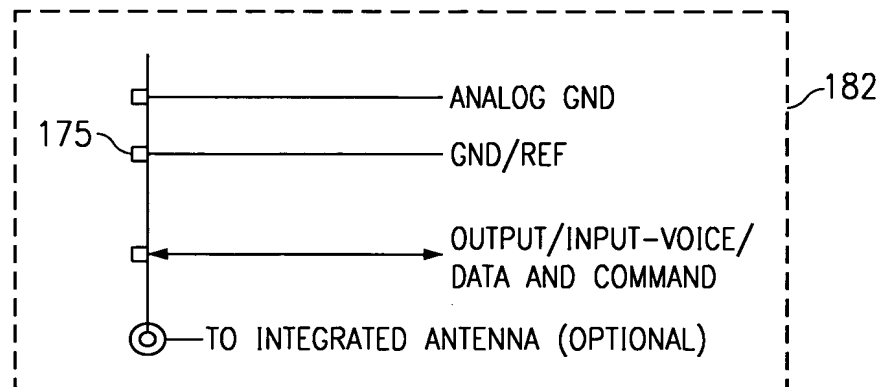


FIG. 150

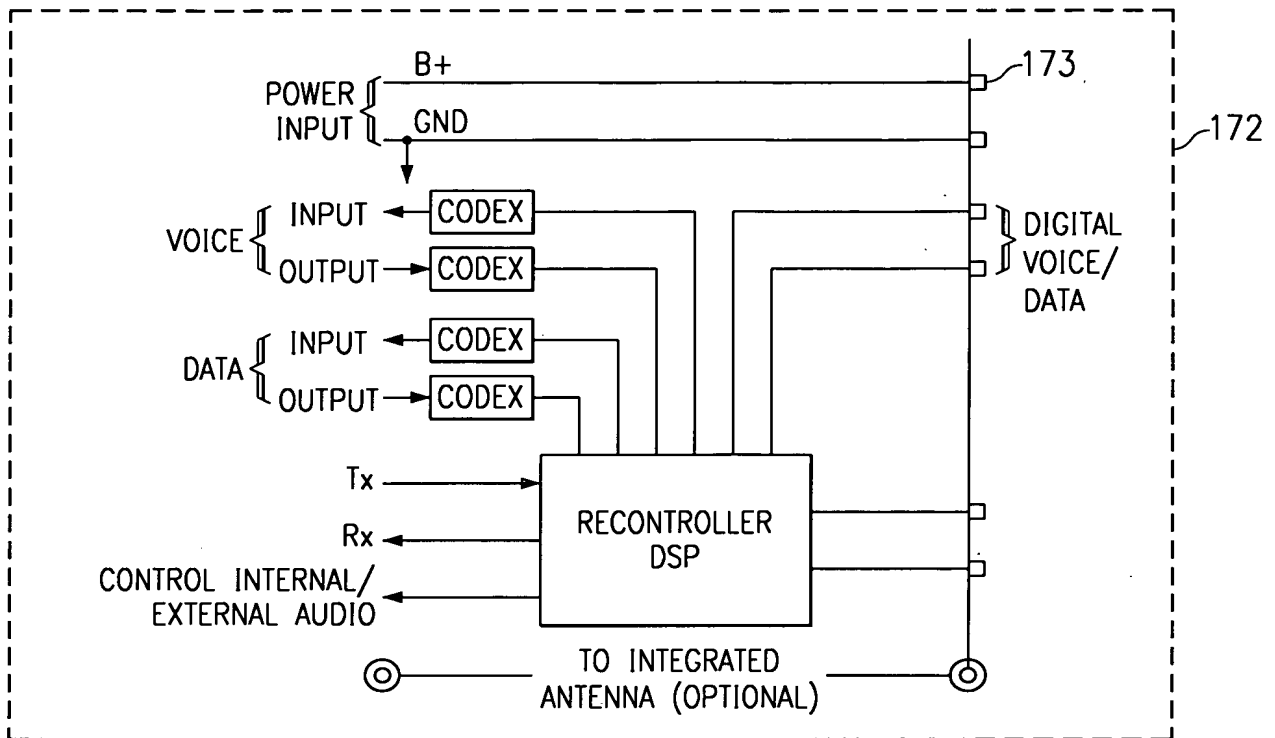


FIG. 151

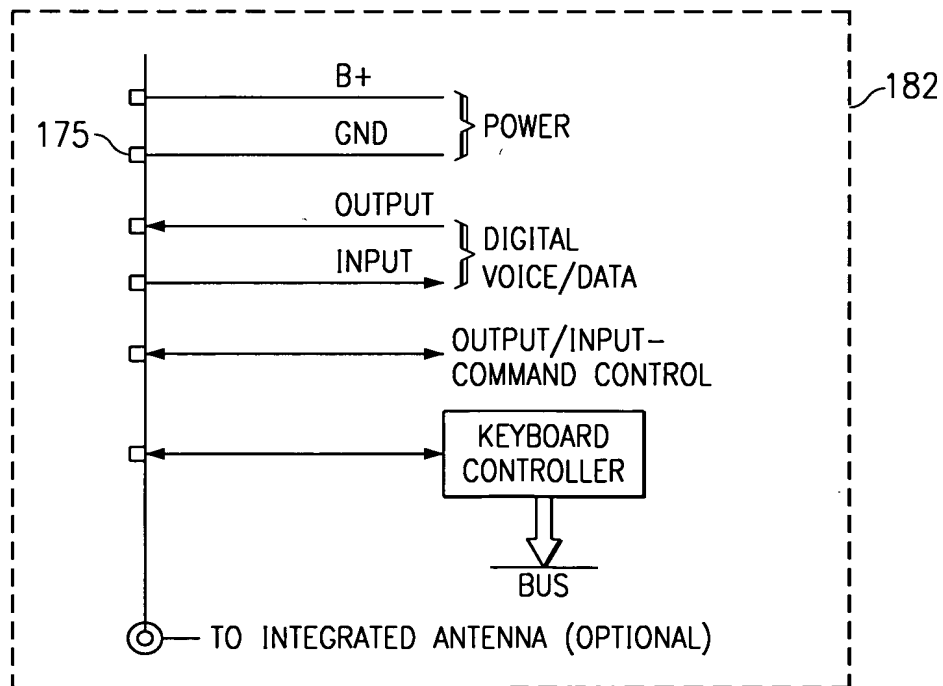


FIG. 152

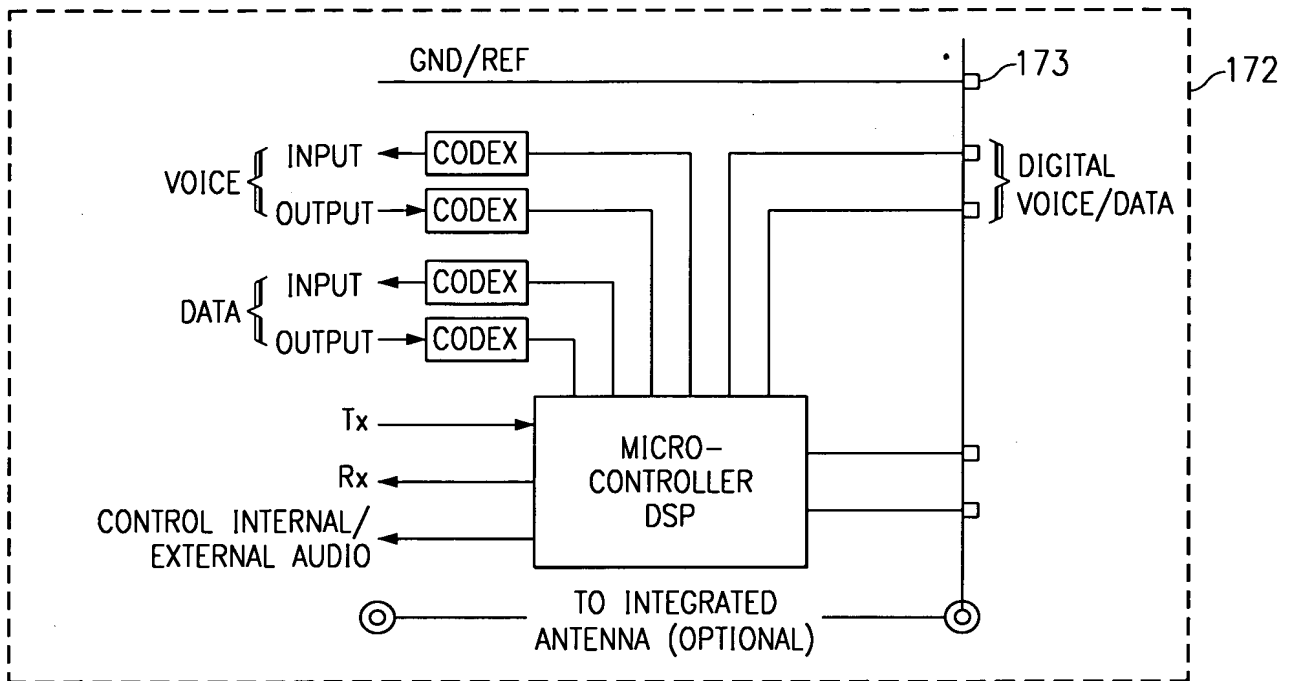


FIG. 153

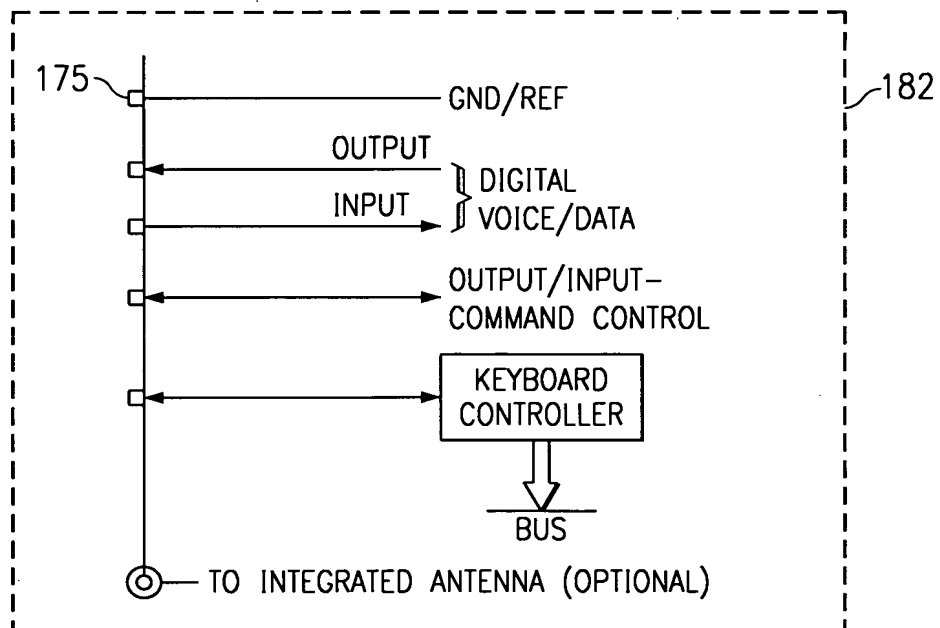


FIG. 154

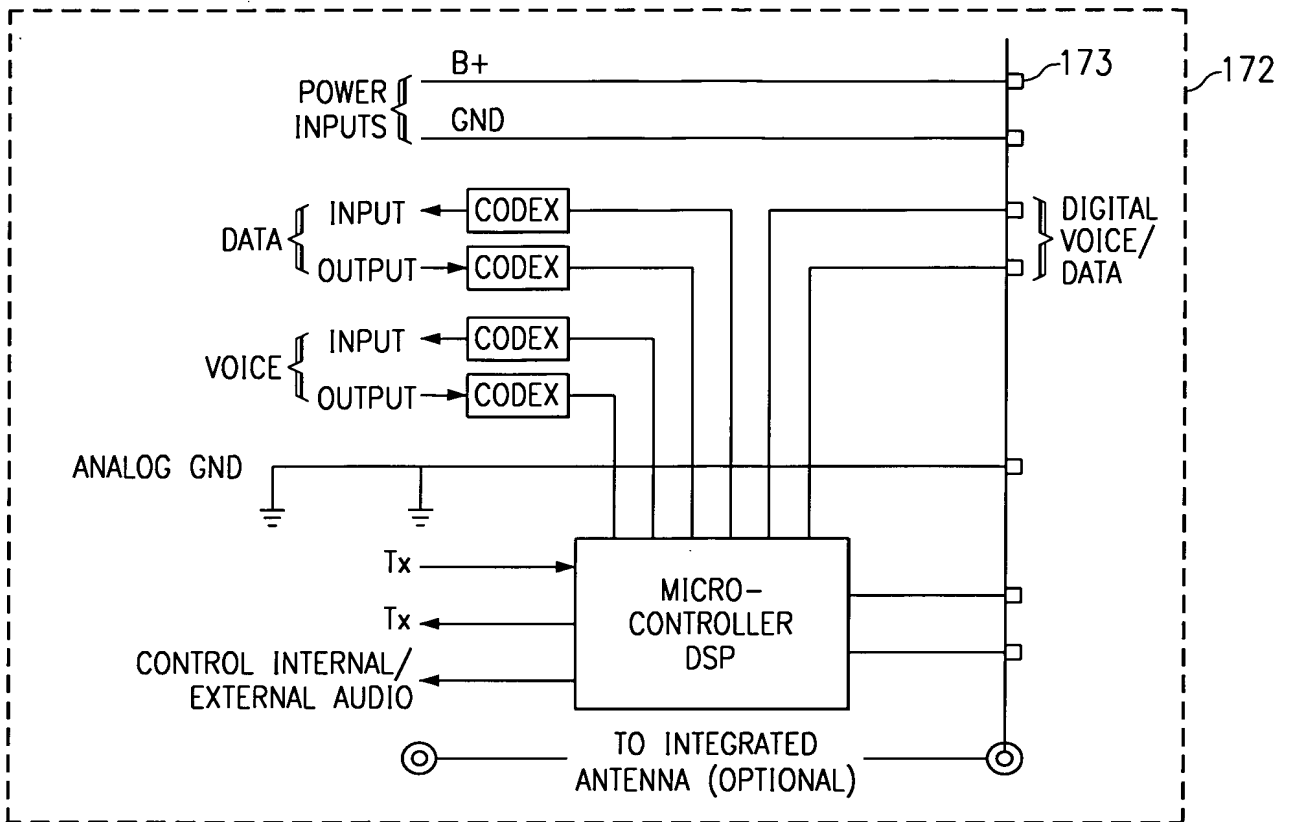


FIG. 155

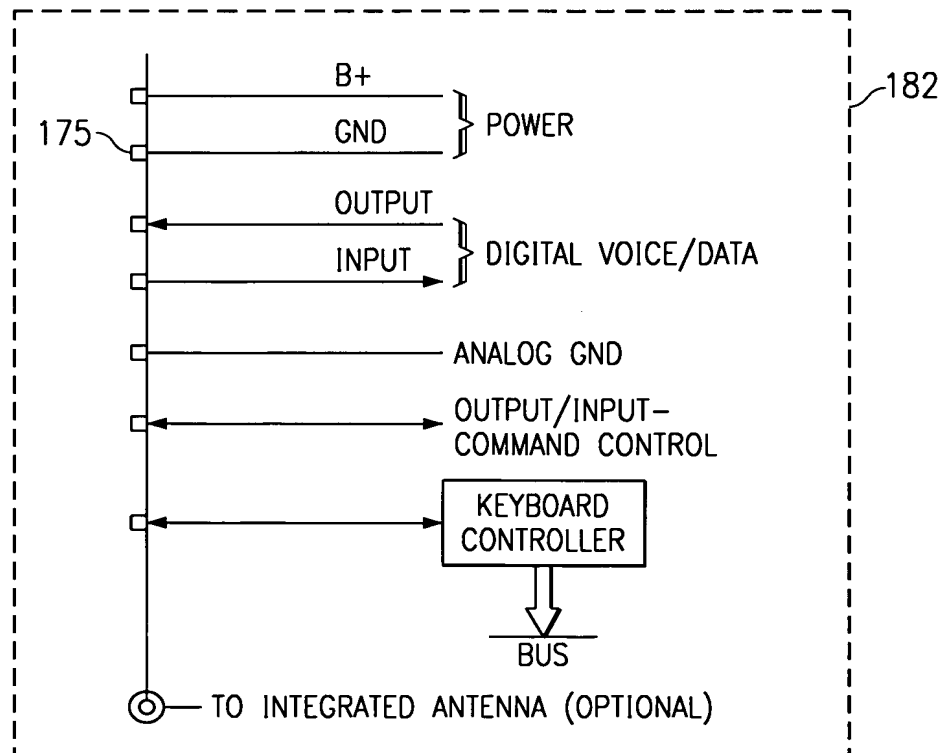


FIG. 156

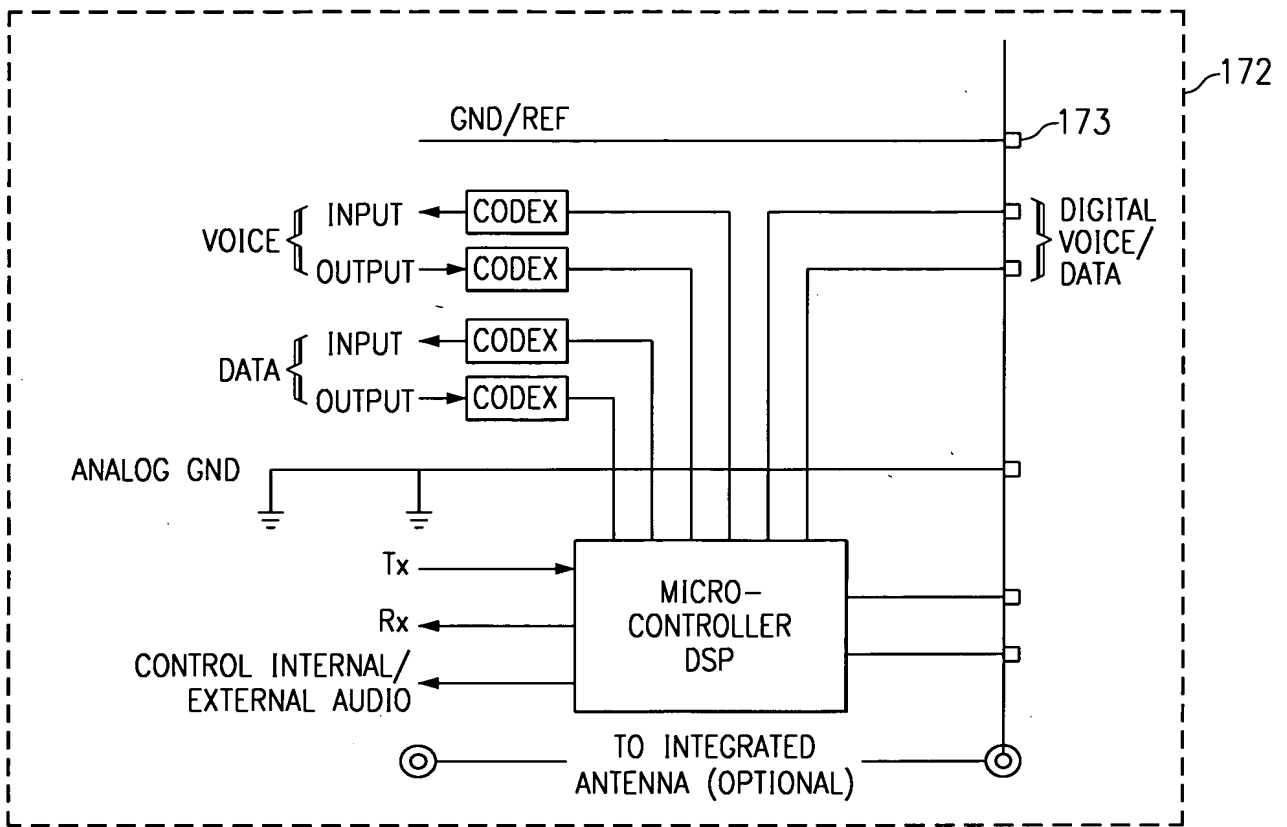


FIG. 157

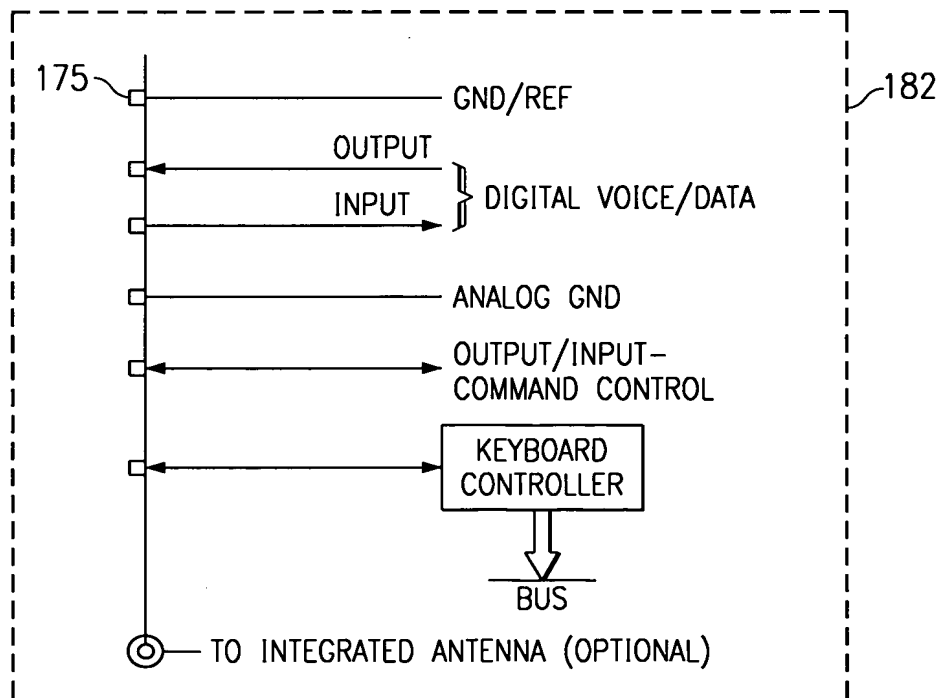


FIG. 158

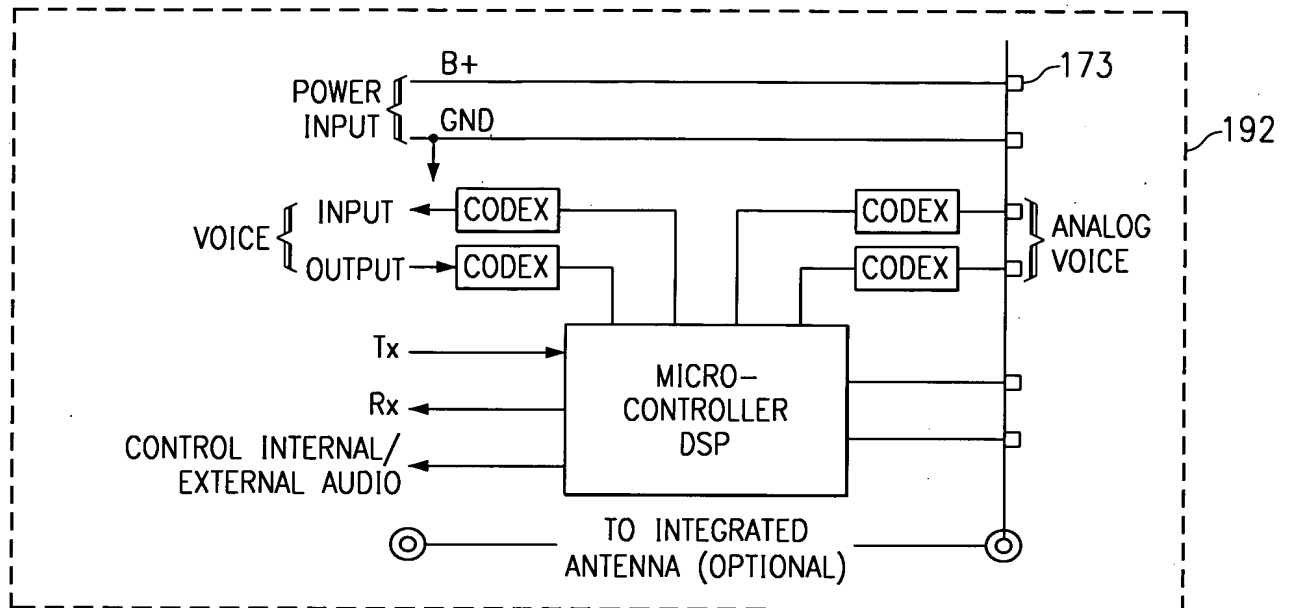


FIG. 159

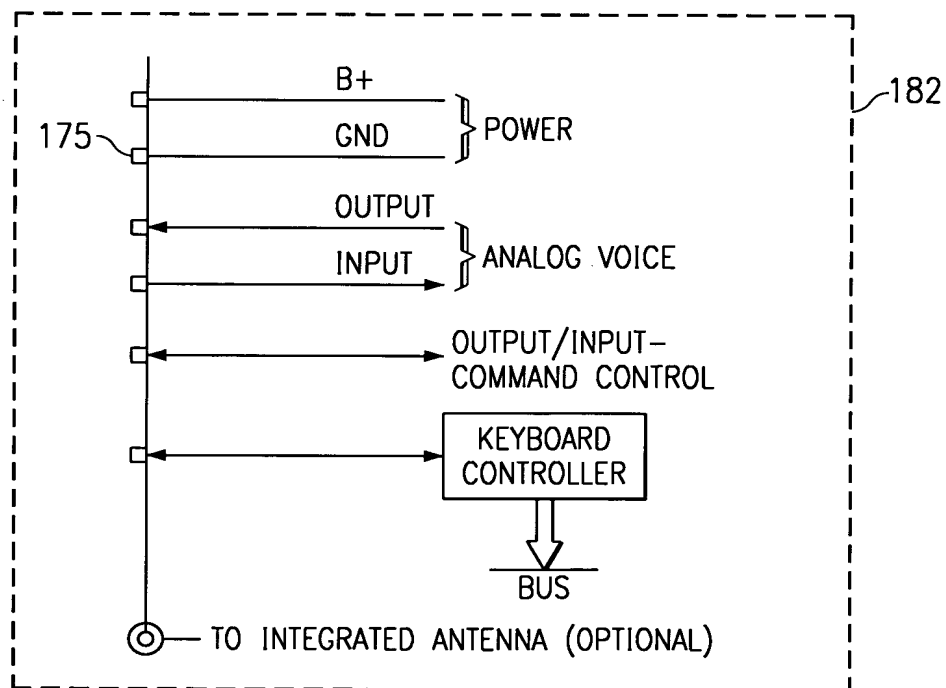


FIG. 160

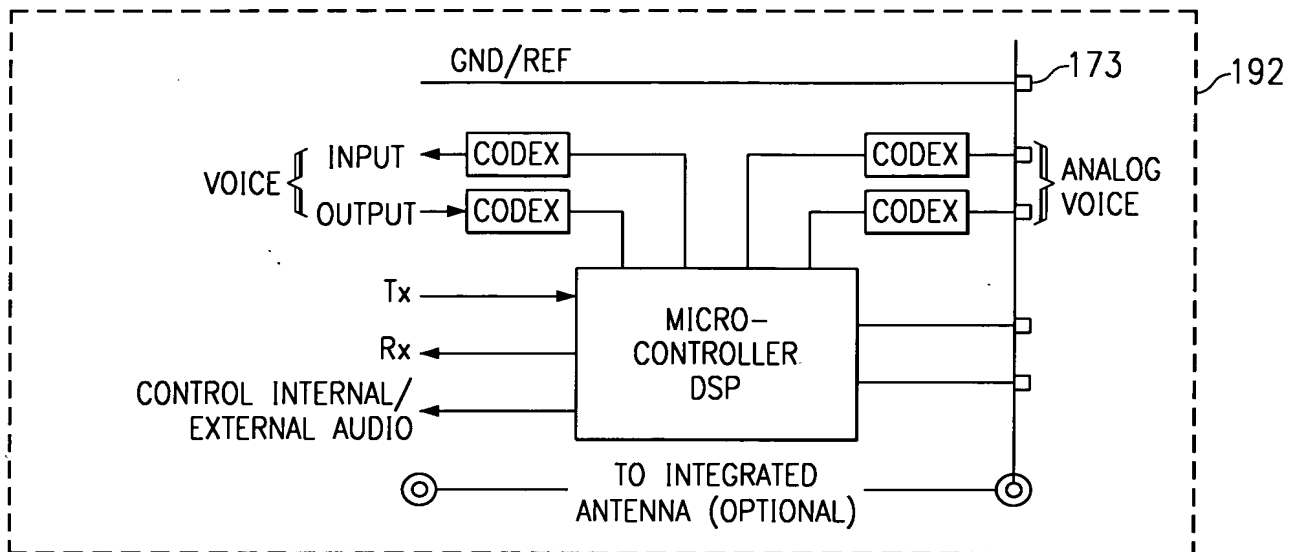


FIG. 161

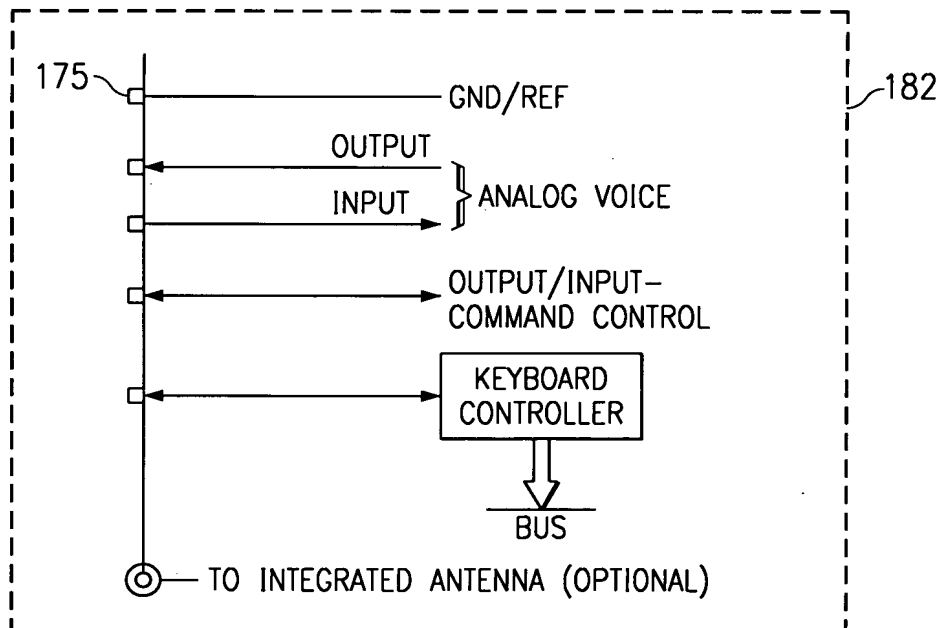


FIG. 162

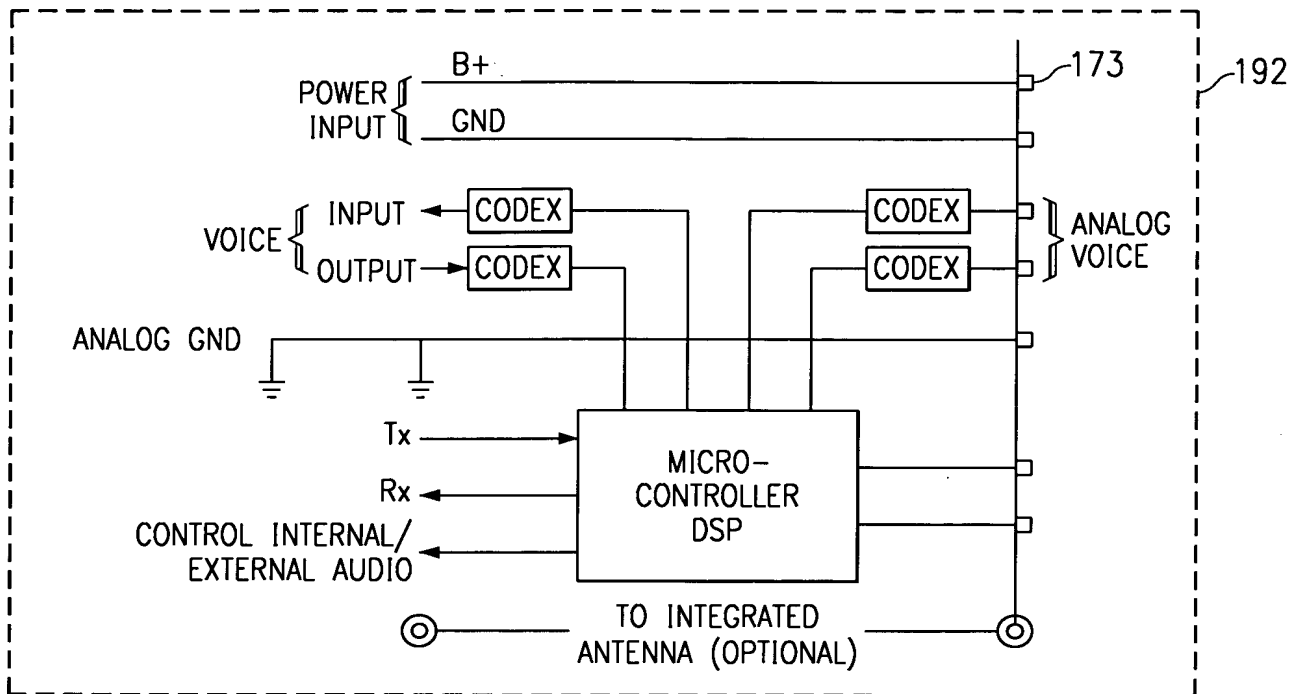


FIG. 163

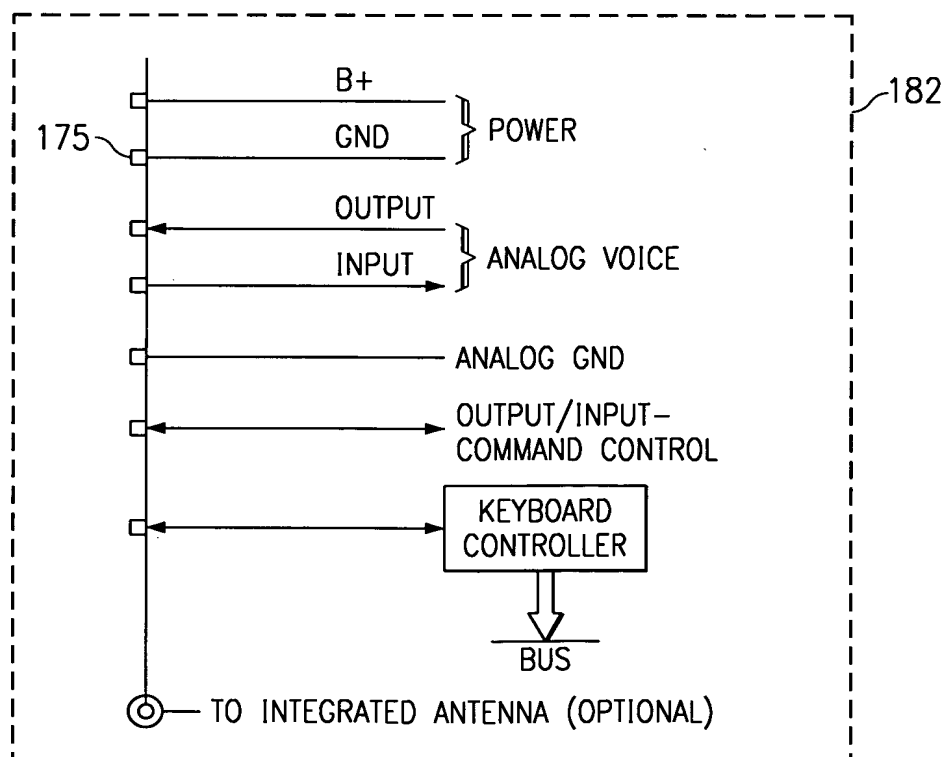


FIG. 164

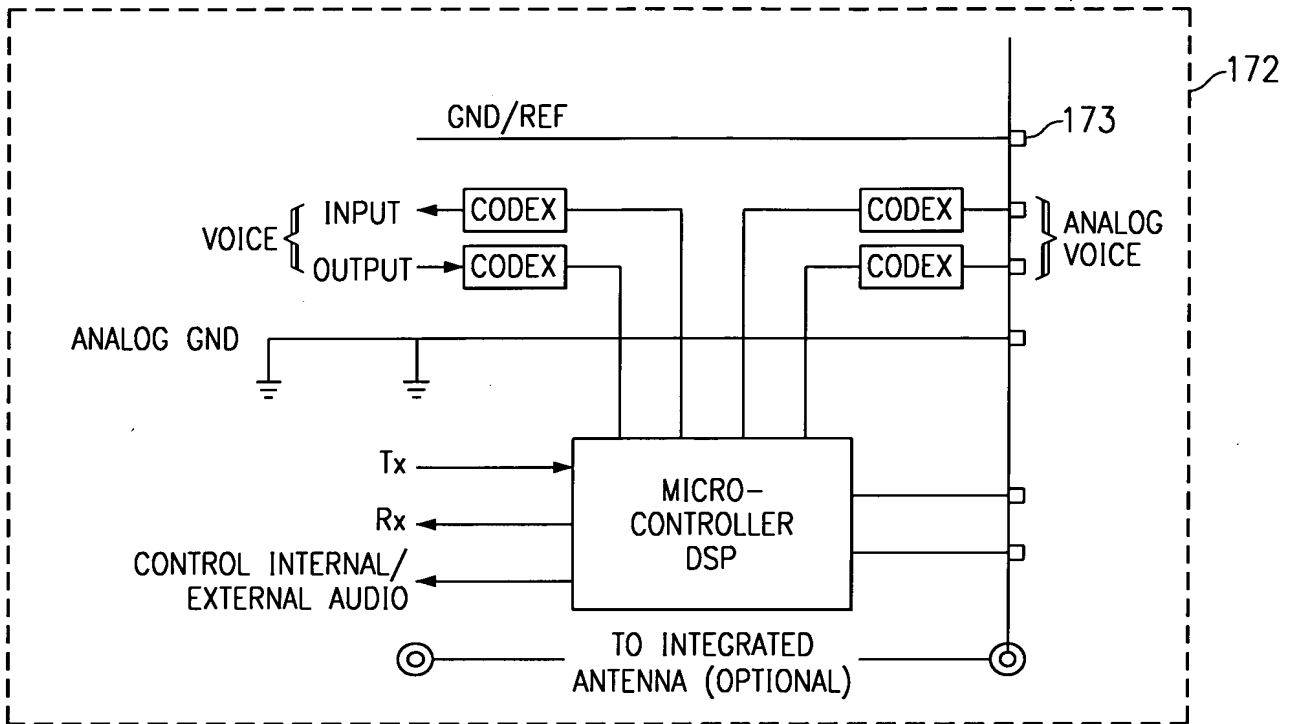


FIG. 165

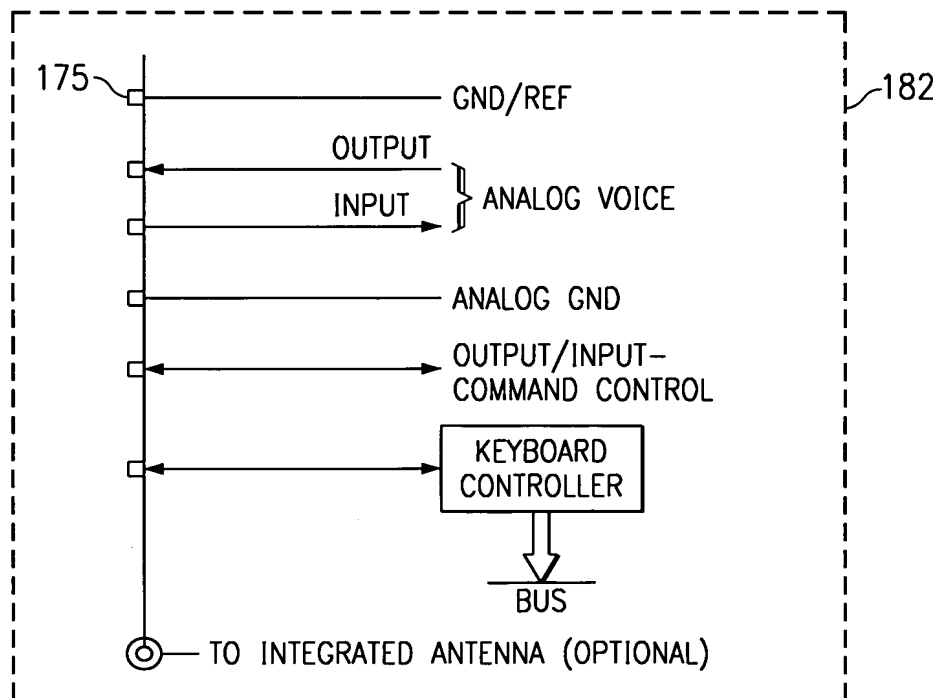


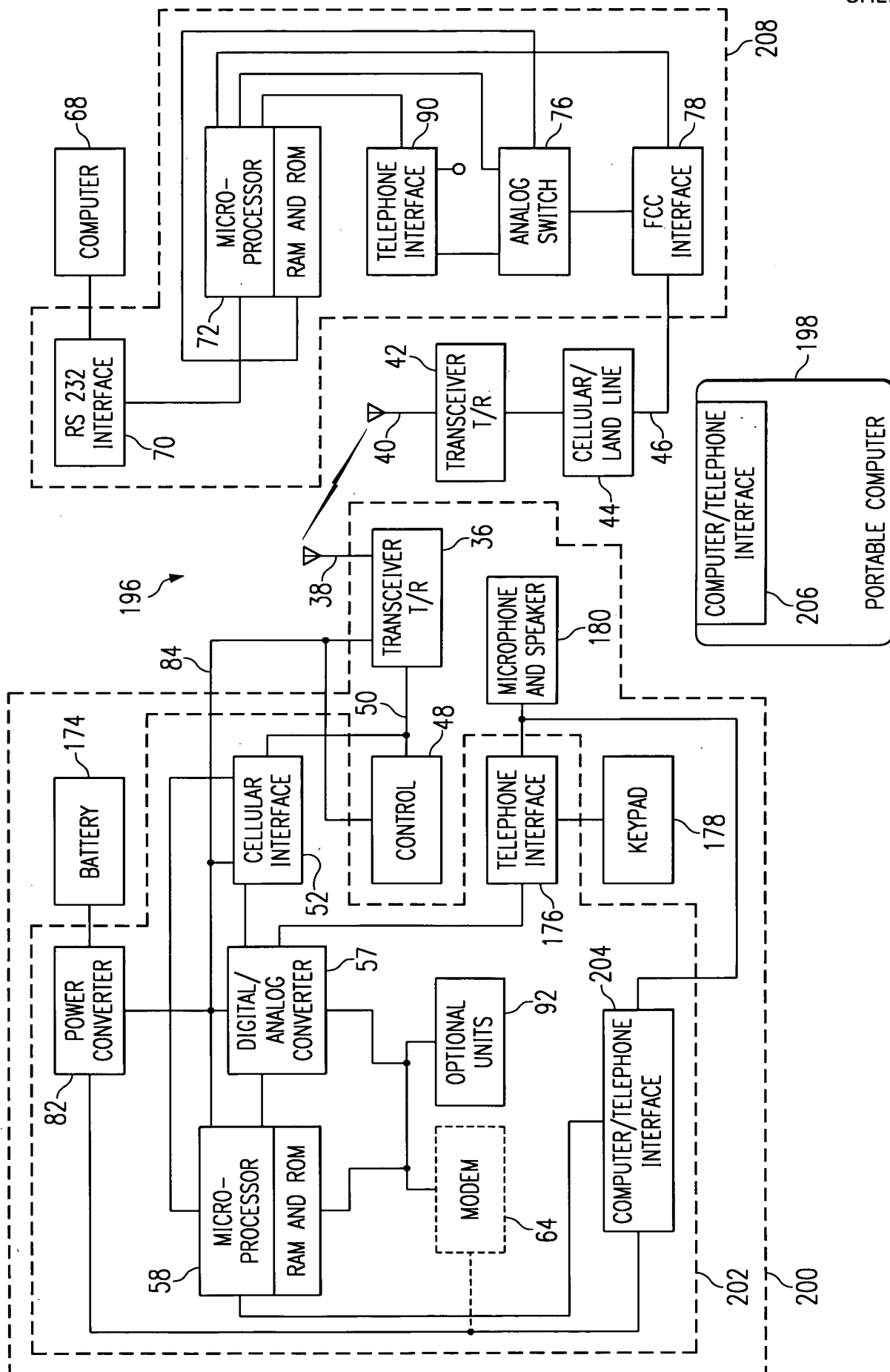
FIG. 166

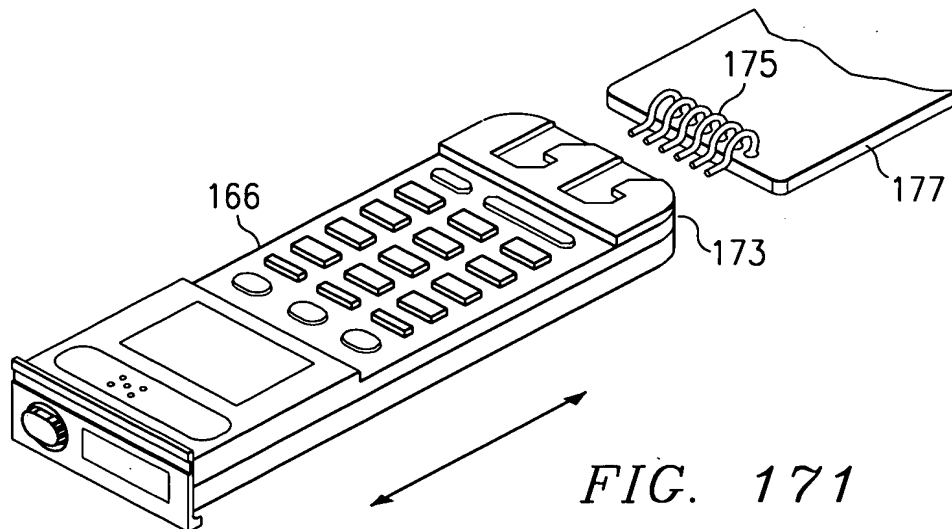
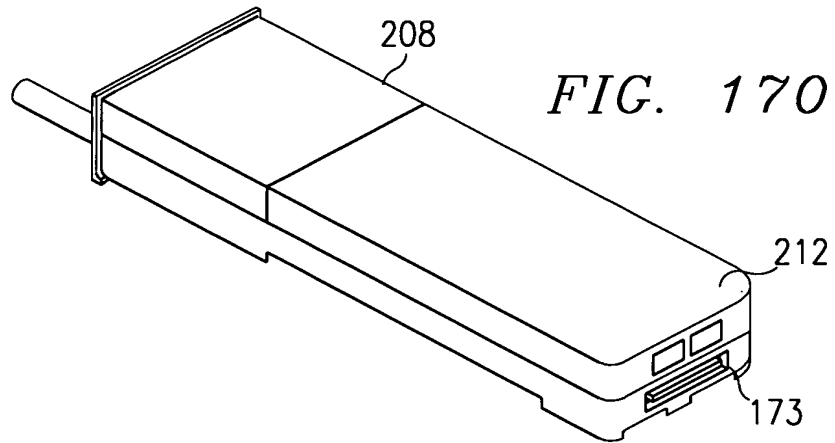
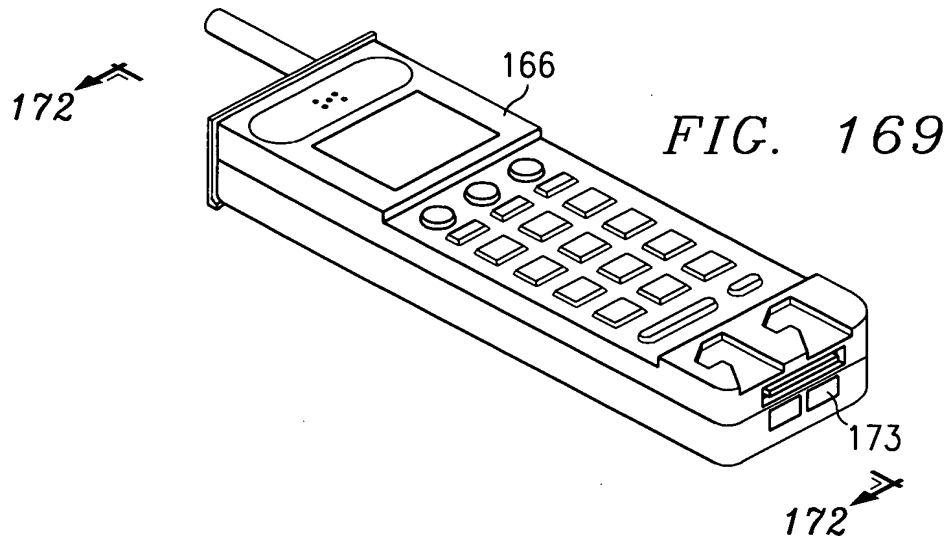
FIG. 167

The diagram illustrates a portable computer system (188) with various internal components and external interfaces. The system is divided into several functional blocks:

- Internal Components (184):**
 - Power Section:** A BATTERY (174) connected to a POWER CONVERTER (176), which provides power to the system.
 - Microprocessor Section:** A MICRO-PROCESSOR RAM AND ROM (58) connected to an ANALOG SWITCH (56).
 - Control Section:** A CONTROL unit (48) connected to the ANALOG SWITCH (56) and a TRANSDUCER T/R (36).
 - Communication Section:** A TELEPHONE INTERFACE (176) connected to the ANALOG SWITCH (56) and a MICROPHONE AND SPEAKER (180).
 - Optional Units:** OPTIONAL UNITS (92) connected to the MICRO-PROCESSOR RAM AND ROM (58).
 - Computer/Telephone Interface:** A COMPUTER/TELEPHONE INTERFACE (192) connected to the MICRO-PROCESSOR RAM AND ROM (58) and the TELEPHONE INTERFACE (176).
- External Interfaces (190):**
 - RS 232 INTERFACE (70):** Connected to a COMPUTER (68).
 - MODEM (74):** Connected to the MICRO-PROCESSOR RAM AND ROM (58).
 - TELEPHONE INTERFACE (90):** Connected to the MICRO-PROCESSOR RAM AND ROM (58).
 - ANALOG SWITCH (76):** Connected to the MICRO-PROCESSOR RAM AND ROM (58).
 - FCC INTERFACE (78):** Connected to the MICRO-PROCESSOR RAM AND ROM (58).
- External Connections:**
 - TRANSDUCER T/R (36):** Connected to a CELLULAR/LAND LINE (44) and a TRANSDUCER T/R (42).
 - CELLULAR/LAND LINE (44):** Connected to a TRANSDUCER T/R (42).
 - TRANSDUCER T/R (42):** Connected to a CELLULAR/LAND LINE (44).

FIG. 168





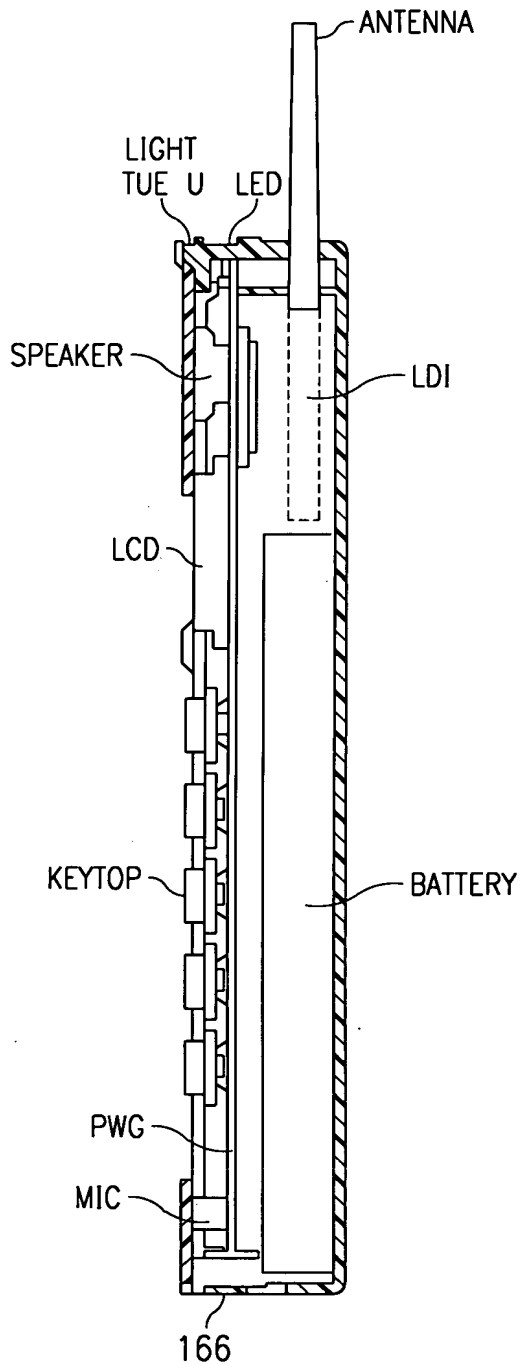


FIG. 172

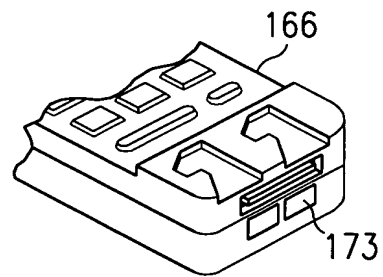
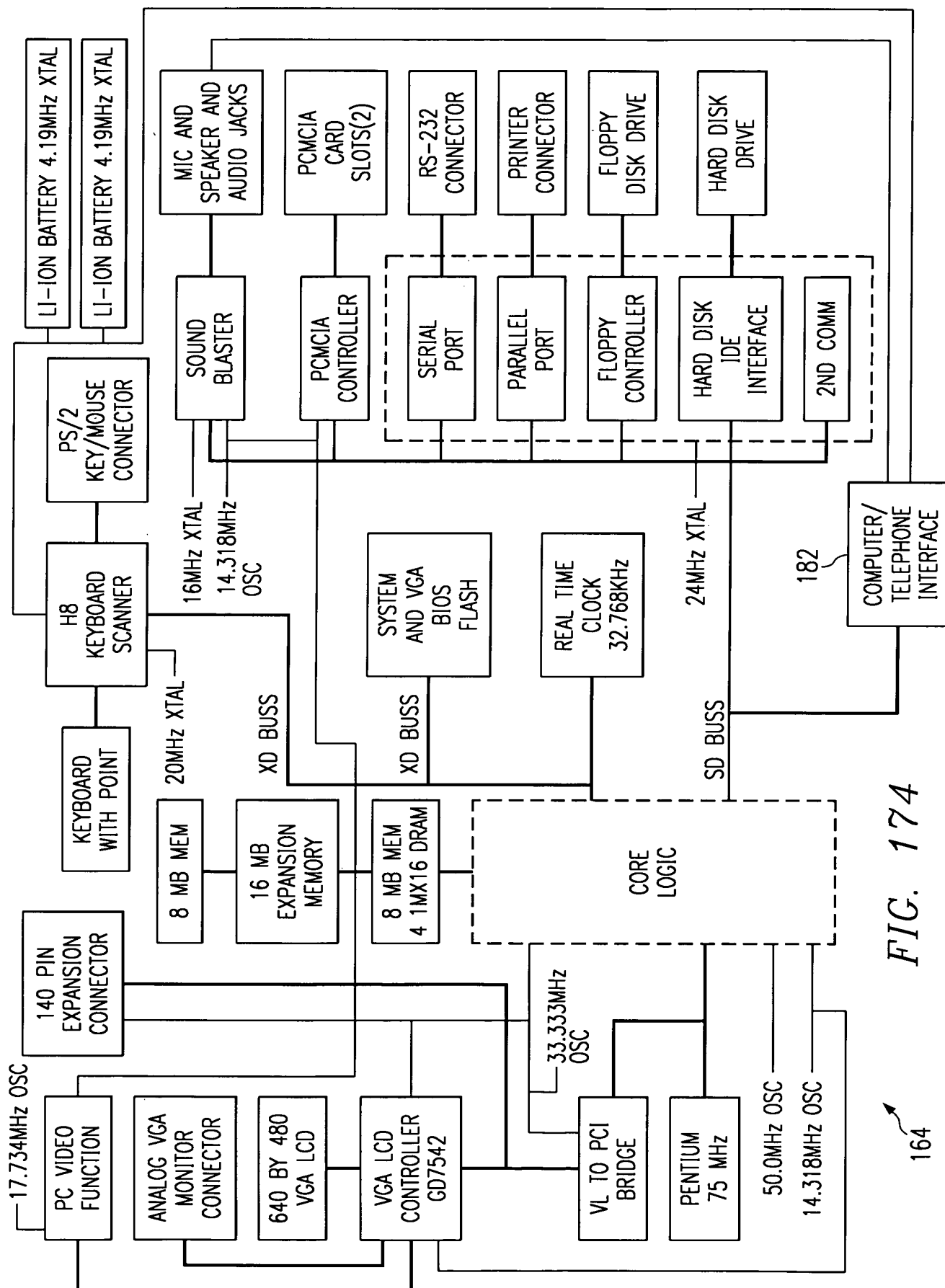


FIG. 173



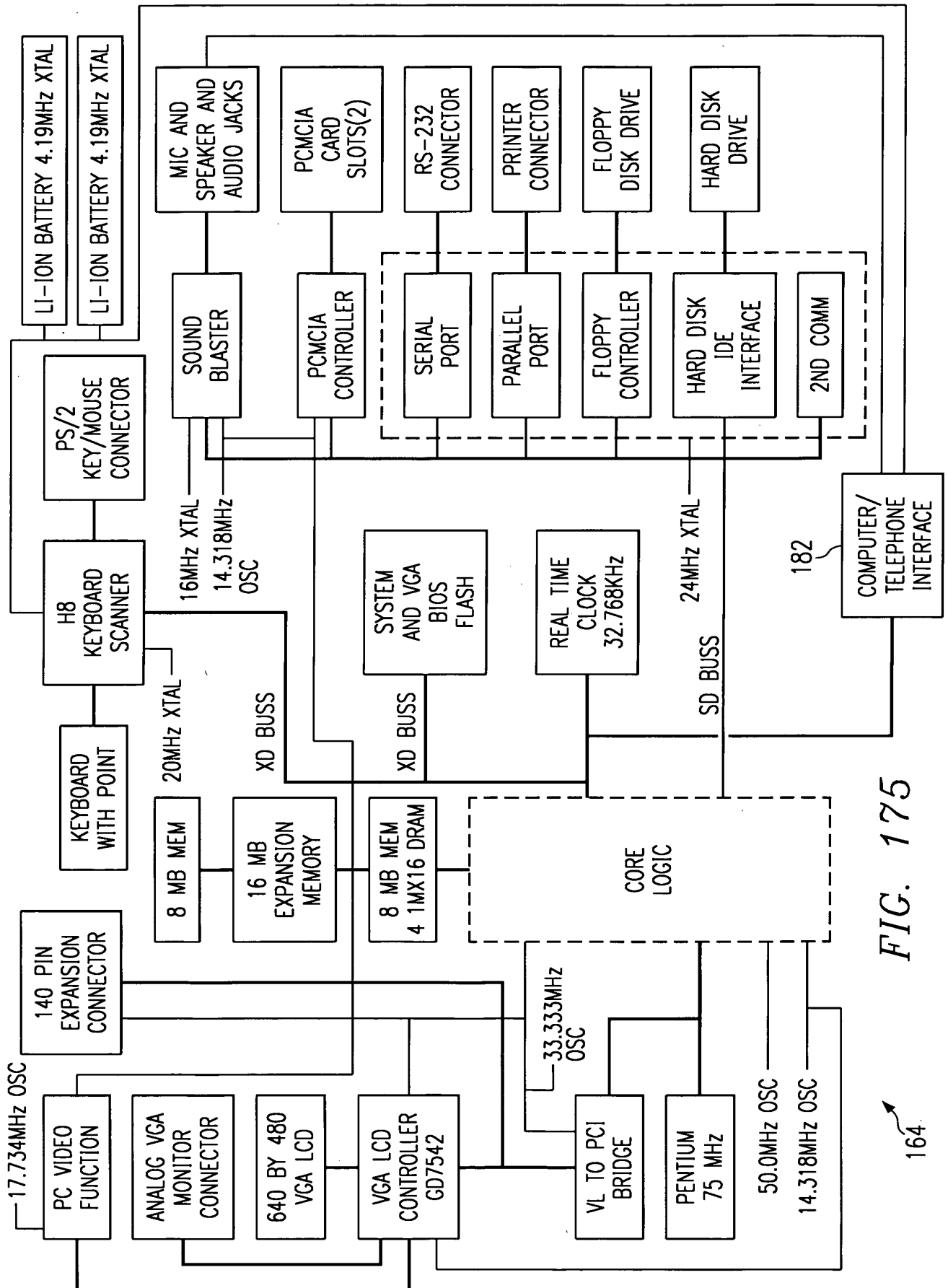


FIG. 175